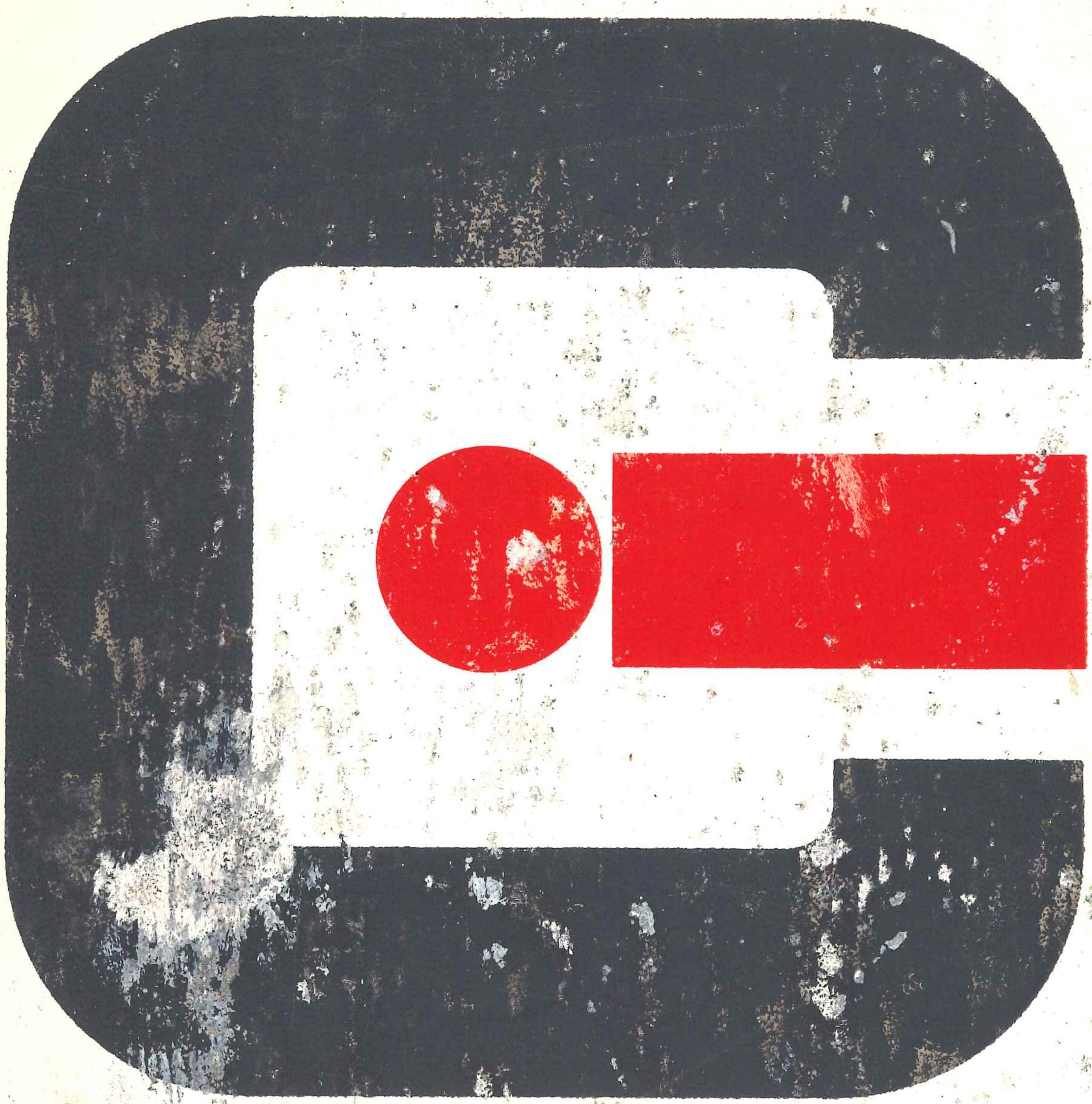
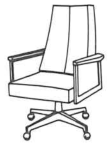


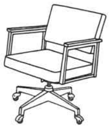
CRAMER INDUSTRIES INC.

INDEX

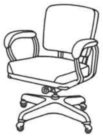
1900 SERIES EXECUTIVE SEATING. Guest chairs 1920, 1921, 1921-PA. Armless swivel chair 1922. Swivel arm chairs 1923, 1923-PA, 1953, 1953-PA, 1973-PA, 1983-PA. Secretarial/clerical chairs 19G-22,19G-22-O. Specifications and Price List.



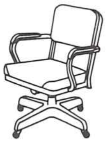
2900 SERIES CONTEMPORARY SEATING. Guest chairs 2900, 2920, 2921. Swivel arm chairs 2923, 2953. Secretarial/clerical chairs 29G-22, 29G-22-0. Specifications and Price List.



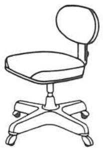
2500 SERIES CONVENTIONAL SEATING. Guest chairs 2500, 2560, 2521, 2561. Swivel arm chairs 2523, 2523-DO, 2563, 2553. Secretarial/clerical chairs 25C-22, 25C-22-DO, 25C-24, 25C-24-DO. Specifications and Price List.



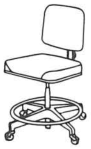
1800 SERIES CONVENTIONAL SEATING. Guest chairs 1800, 1820, 1821. Swivel chairs 1822, 1823. Secretarial/clerical chairs 18E-22 18C-22, 18C-22-DO. Specifications and Price List.



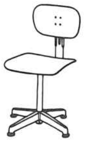
ALUMINEASE, UTILITY, ECONOMY SERIES POSTURE CHAIRS. Arm clerical chairs A-331M, A-331M-DO, Armless clerical chairs A-33M, A-33M-DO, A-22M-DO. Stenographic chairs A-22M, MA-U-22M, MA-E-22M, U-22M, E-22M. Specifications and Price List.



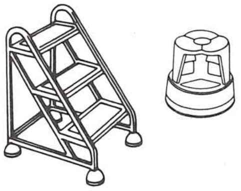
HI-MODEL SERIES. Drafting, counter and pilot chairs 4D-22M, 4D-22M-T, 4LD-22M, 4LD-22M-T, 4E-22M, 255-24, 6E-22M, 251G-24, 251C-22, 251U-22, 4D-A-331M, 4D-2553. Specifications and Price List.



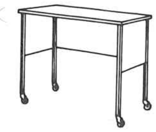
INDUSTRIAL AND INSTITUTIONAL SEATING SERIES. Complete selection of low and high model classroom and factory seating in plywood, plastic and upholstered components. Specifications and Price List.



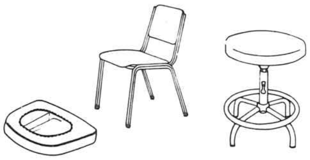
STOP-STEP LADDERS AND KIK-STEP SERIES. Ladder Models SS-20, SS-30, SS-40, SS-50, SS-60. Double top step, handrails. Kik-Step Model KS-1. Specifications and Price List.



OFFICE MACHINE TABLE. BMT-1832 Contemporary machine table and options. MS-1, MS-10 Machine tables and accessories. Specifications and Price List.



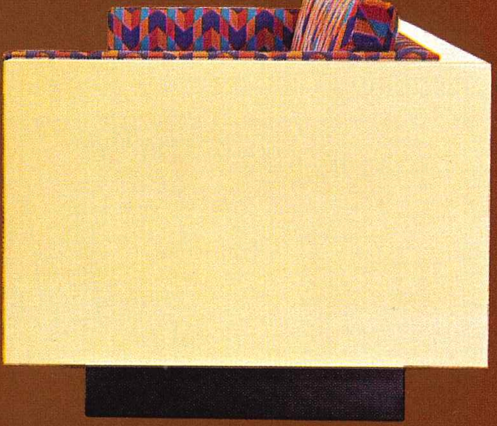
MISCELLANEOUS. 1260 Stacking Chair, MD-2 Medical Stool, loose chair cushions and 700 Series aluminum seating. Specifications and Price List.

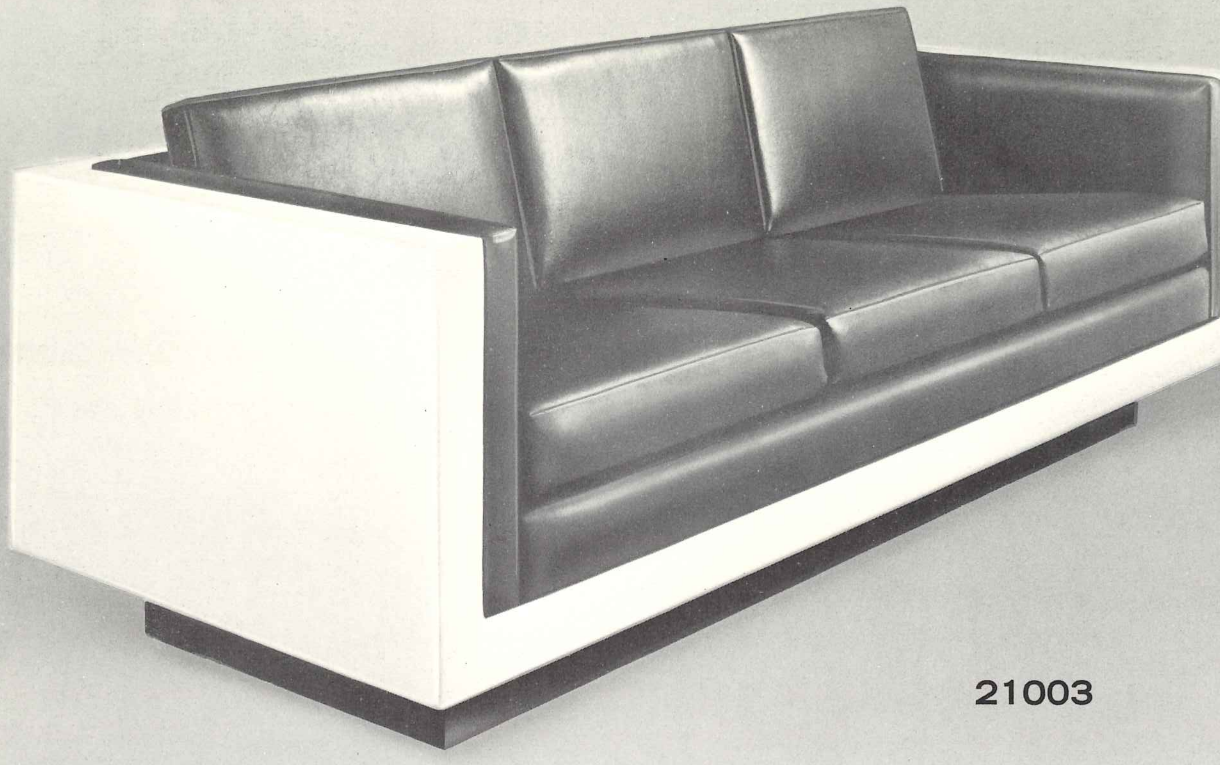


REPLACEMENT PARTS AND COVERS. Part Numbers and Price List.

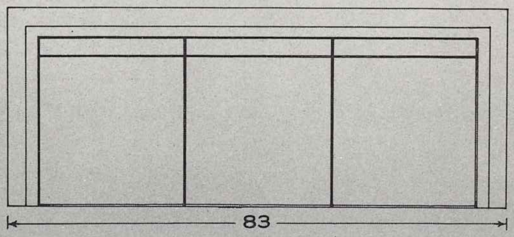
Terms of sale, ordering instructions, upholstery and frame finishes in back of catalog.

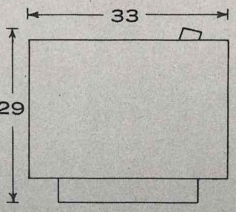
FIBERGLASS LOUNGE SEATING

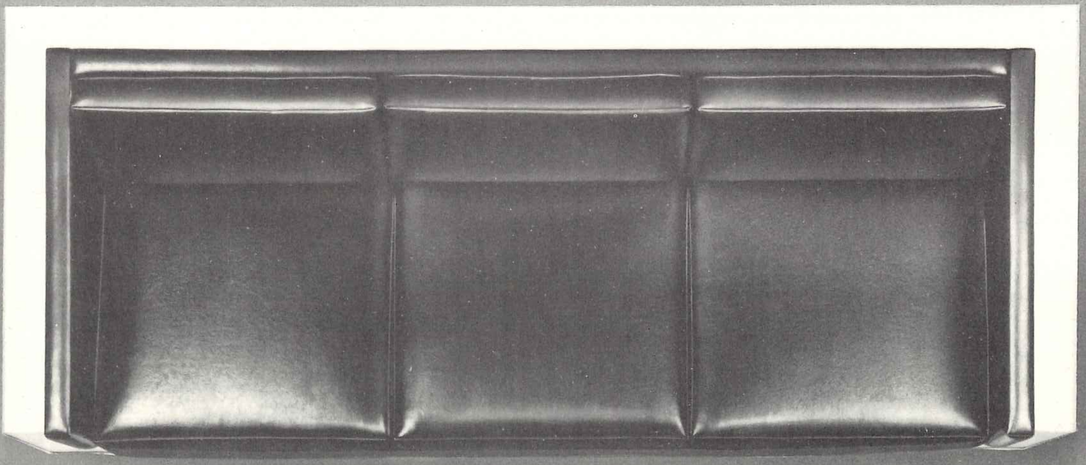


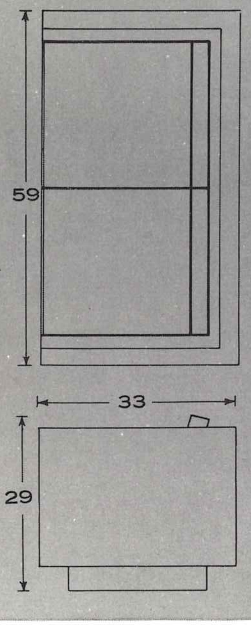


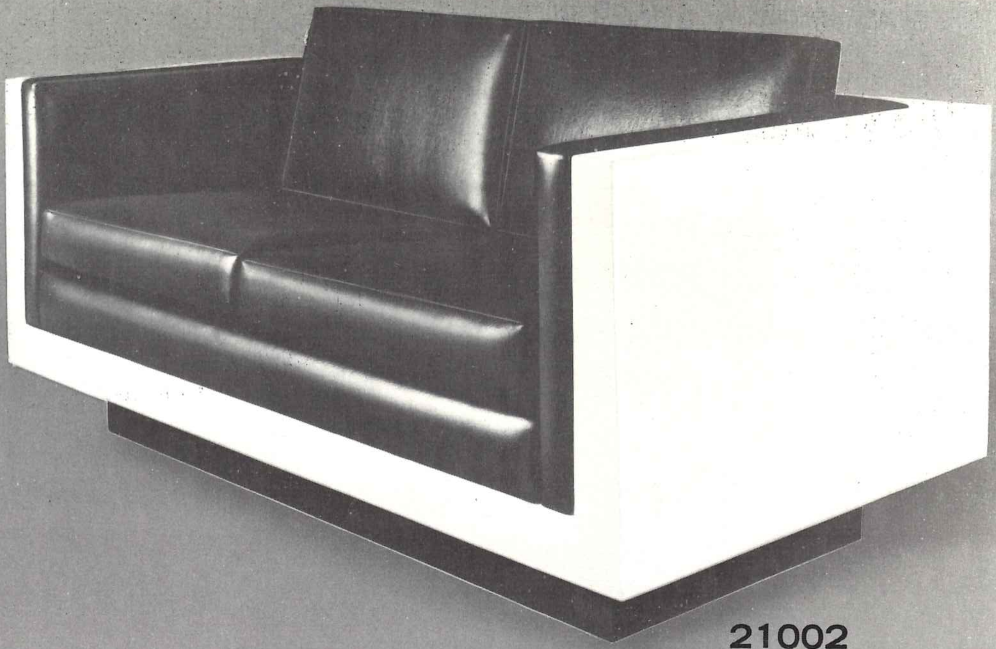
21003



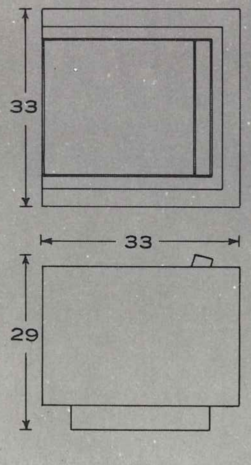


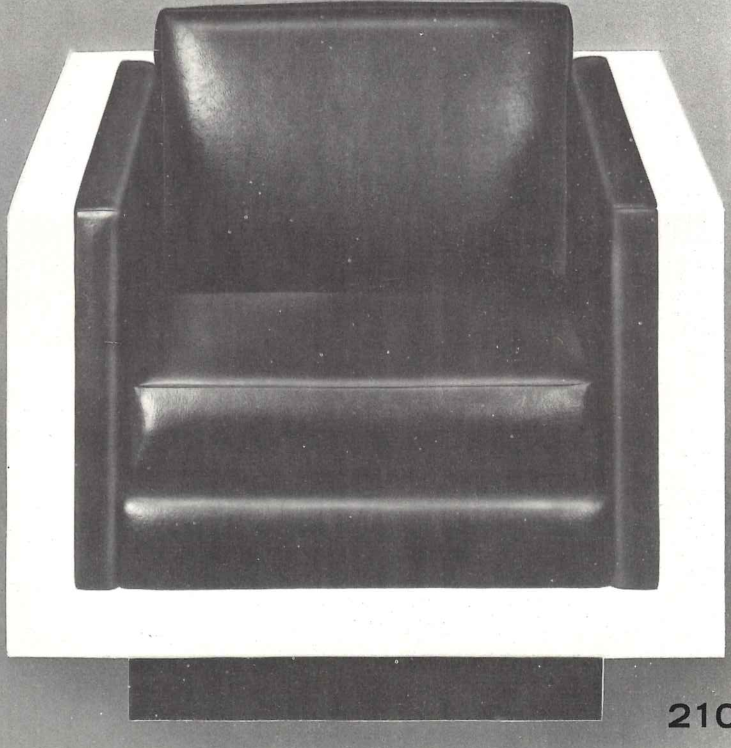




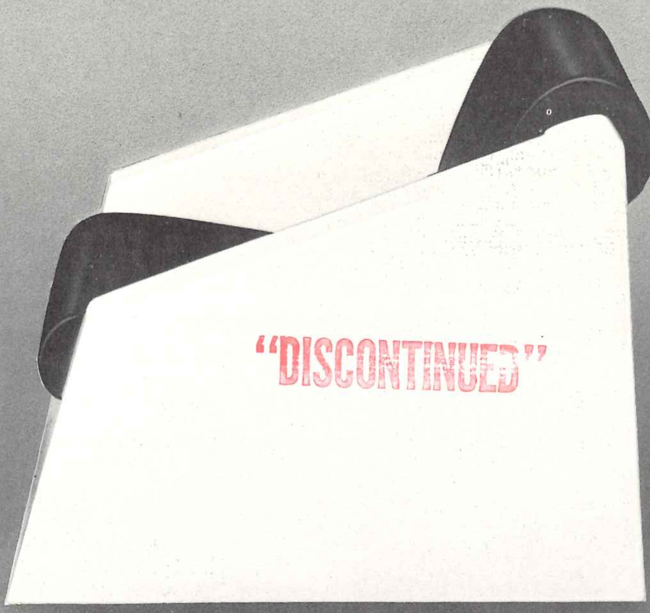


21002





21001



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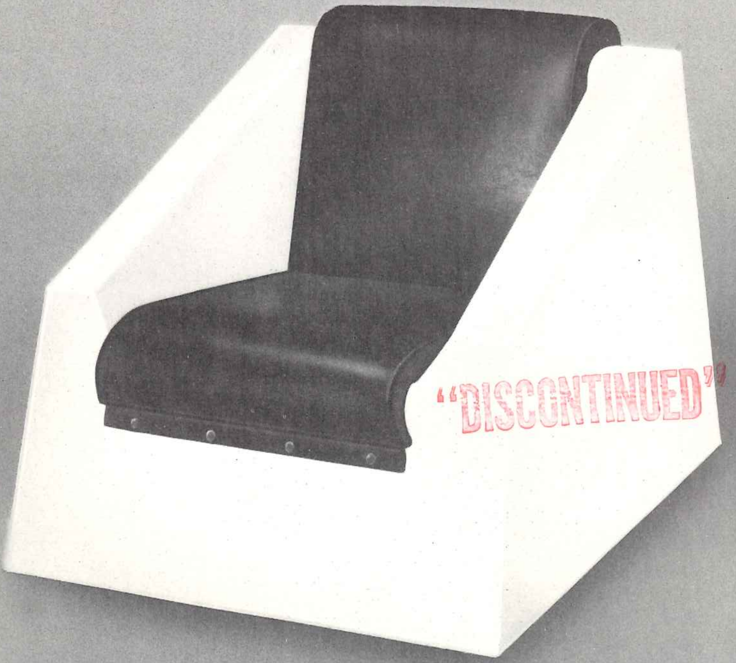
21004



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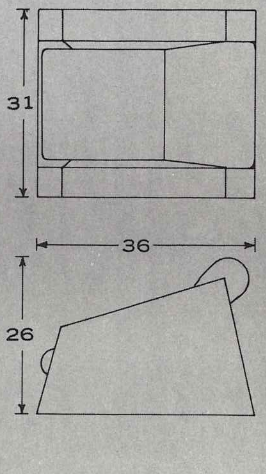
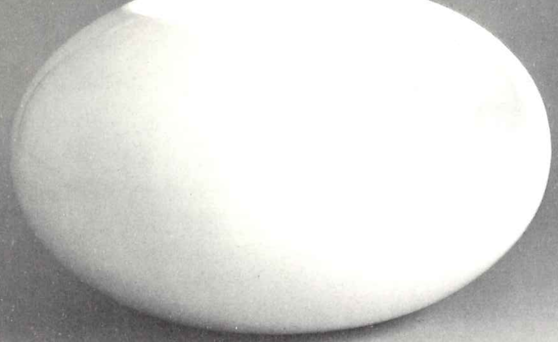
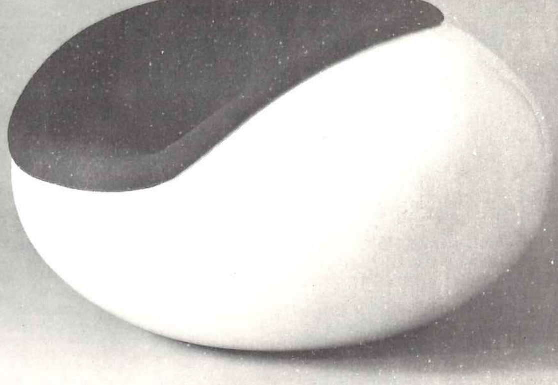
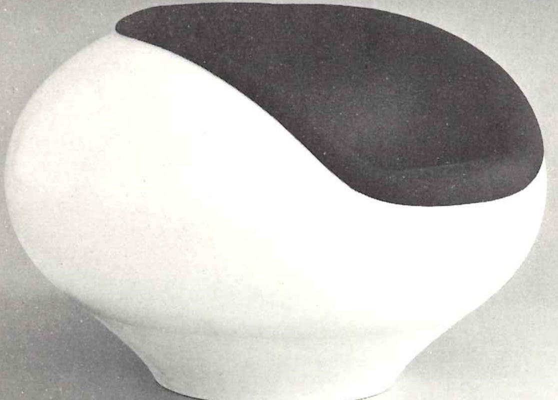




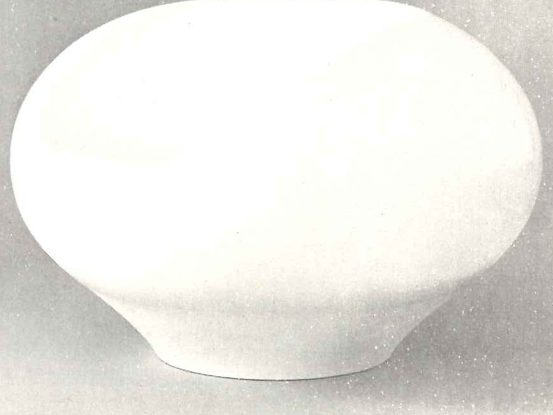
21005
36 inch diamater x 22 H



21006
36 inch diameter x 22 H



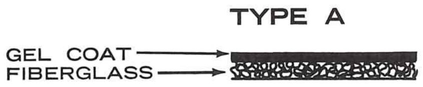
21008
36 inch diameter x 24 H
(Priced same as 21006)

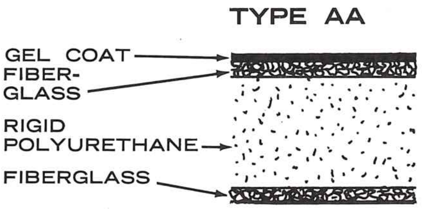


21007
36 inch diameter x 24 H
(Priced same as 21005)

FIBERGLASS LOUNGE SEATING LINE

FIBERGLASS FINISH is smooth, deep lustre Polyester Gel Coat, integrally applied to the fiberglass during the molding process. Finish is not painted on after molding. Gel Coat is tough, resistant to impact, corrosion and abrasion, easily cleaned with soft cloth or sponge and household liquid soap. Automotive or furniture wax adds further beauty and protection.



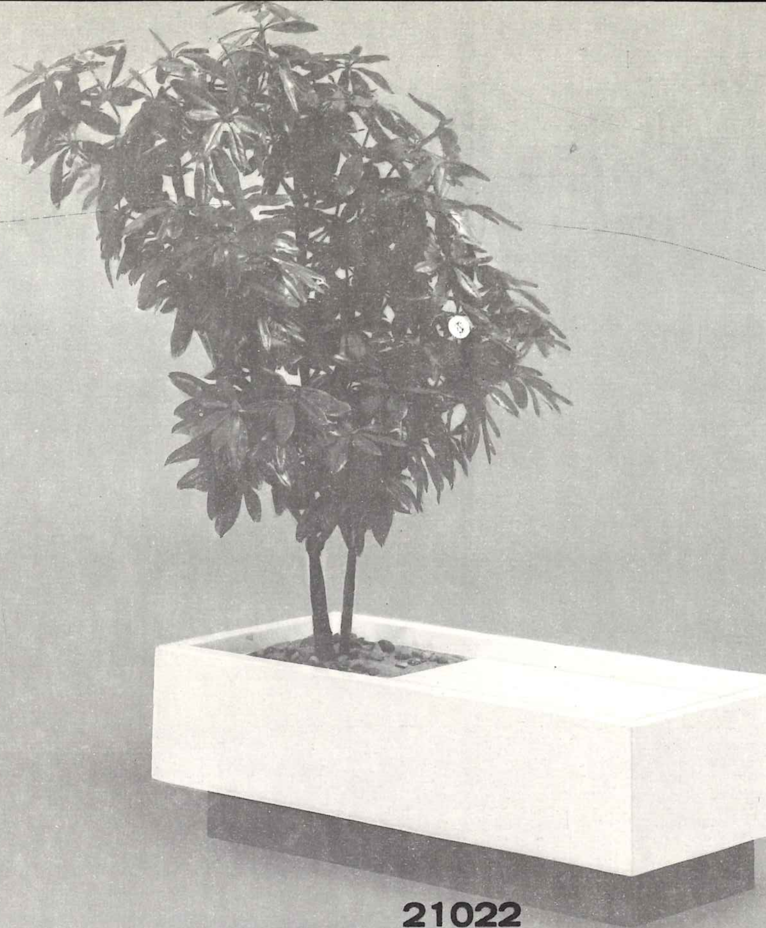


FIBERGLASS CONSTRUCTION consists of Gel Coat finish color and extra thick fiberglass layers, all integrally molded to form a solid, one-piece shell, see illustration type A. Exceptional strength and noise abatement is achieved in the end and back panels of sofas and the lounge chair by sandwiching a ¾ inch thick sheet of rigid polyurethane foam within the layers of fiberglass, see illustration type AA. Sofas and the lounge chair have recessed fiberglass bases rigidly attached which completely seal the bottom of each unit. Sloping arm chair and round chair have type A construction.

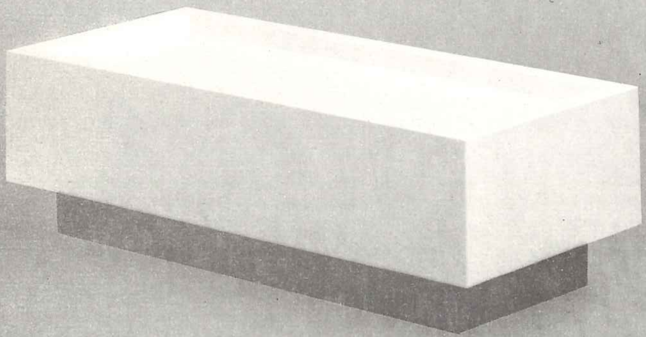
UPHOLSTERY is applied over a cushioned wood frame which can be detached from the fiberglass shell with common tools for ease of re-upholstery or cleaning. Seat cushions are 4 inches thick, backs 3 inches, both polyurethane foam and zippered covers. Sloping arm chair has 2 inch polyurethane foam, upholstery contoured and attached for easy removal and replacement. The upholstery of the cushioned round chair is attached to a separate insert shell which can be re-upholstered.

NOTE: While fiberglass products are known to give exceptional long service over many years of usage, Cramer guarantees its fiberglass products in accordance with its guarantee specified in the catalog but with a time limit of three years. All other terms of sale apply as stated in the catalog.

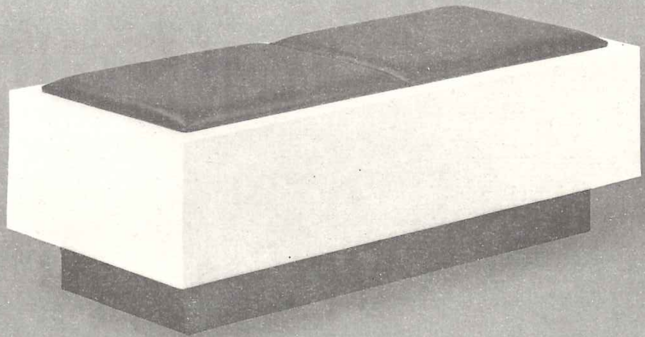
FIBERGLASS
TABLES
PLANTERS



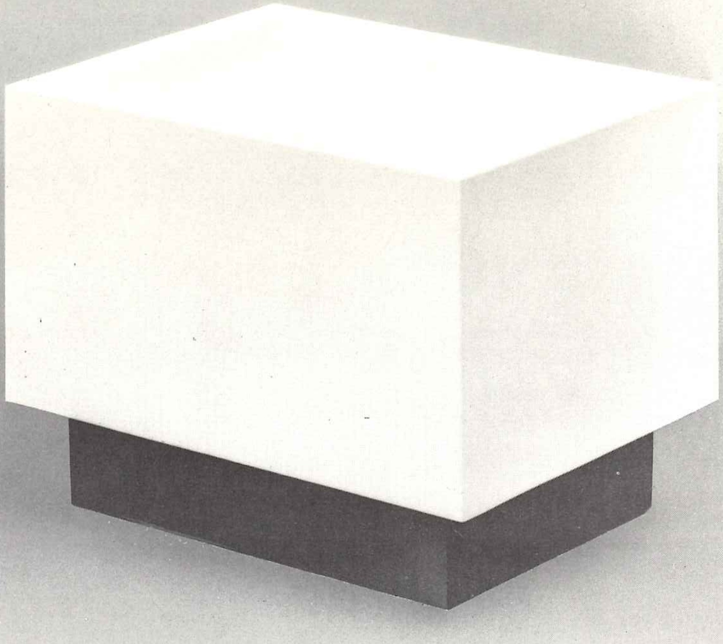
21022
Overall 50 L x 22 W x 16 H
Planter Opening 16 L x 16 W



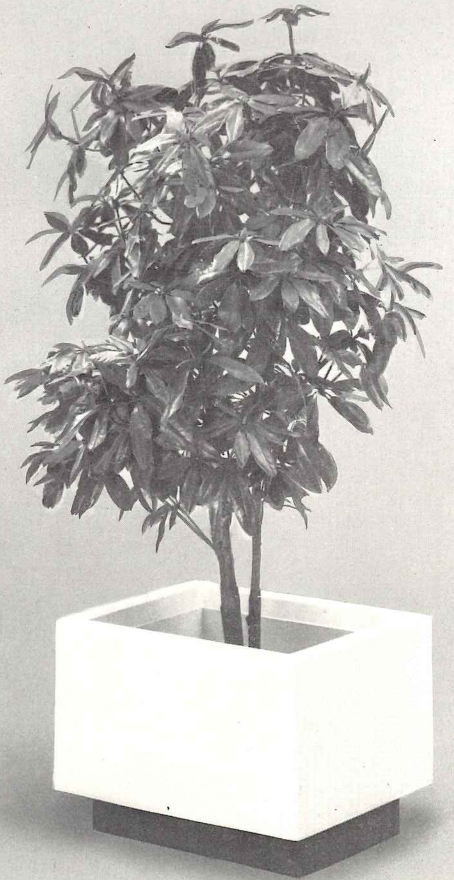
21020
Overall 50 L x 22 W x 16 H



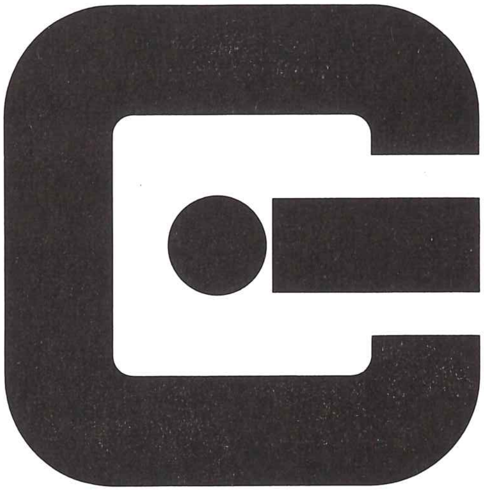
21021
Overall 50 L x 22 W x 17H



21024
Overall 25 L x 20 W x 18½ H



21025
Overall 25 L x 20 W x 18½ H
Planter Opening 19 L x 14 W



CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

FIBERGLASS
LOUNGE
SEATING LINE
PRICE LIST

ZONE 1 • NUMBER 7130

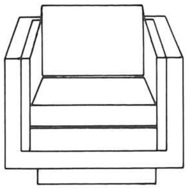
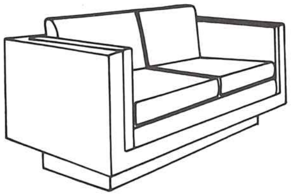
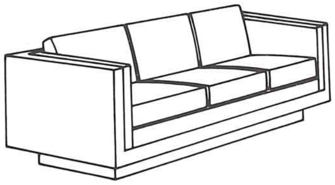
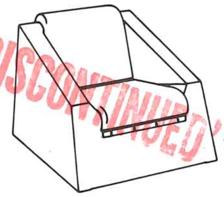
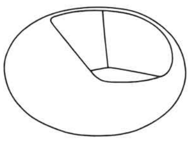
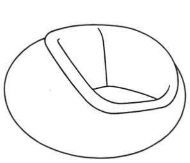
F.O.B. PLANT, KANSAS CITY, KANSAS

PRICES AND SPECIFICATIONS
SUBJECT TO CHANGE WITHOUT NOTICE

CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 · 621-6700

FIBERGLASS SPECIFICATIONS

330 FLAME RED
331 SNOW WHITE
332 ASTRO BLUE
333 SAND BIEGE
334 WET BLACK
335 SPANISH OLIVE
336 MOCHA BROWN
337 OLD GOLD
338 CANARY YELLOW
339 BRONZE GREEN

ILLUSTRATION	MODEL NUMBER AND DESCRIPTIVE DATA	LIST PRICES BY UPHOLSTERY GROUPS 1	2	3	4	SHWP. DATA AND WT.
	**21001** Lounge Chair Overall 33 W x 29 H x 33 D COM 3½ yds. Add ¾ yd. For Stripes And Plaids	$440	$460	$480	$500	Shipped SU 92 lbs.
	**21002** 2 Place Sofa Overall 59 W x 29 H x 33 D COM 6 yds. Add 1¼ yds. For Stripes And Plaids	600	630	660	690	Shipped SU 140 lbs.
	**21003** 3 Place Sofa Overall 83 W x 29 H x 33 D COM 9 yds. Add 1½ yds. For Stripes And Plaids	720	760	800	840	Shipped SU 185 lbs.
"DISCONTINUED" 	**21004** Sloping Arm Chair Overall 31 W x 26 H x 36 D COM 2 yds. Add ½ yd. For Stripes And Plaids	240	260	280	300	Shipped SU 45 lbs.
	**21005** Round Chair Overall 36 Inch Diameter x 21 H Non-upholstered	180				Shipped SU 31 lbs.
	**21006** Round Chair Overall 36 Inch Diameter x 22 H *COM 1½ yds. Add ½ yd. For Stripes And Plaids	300	320	340	360	Shipped SU 37 lbs.

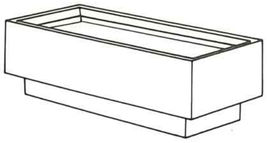
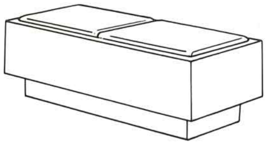
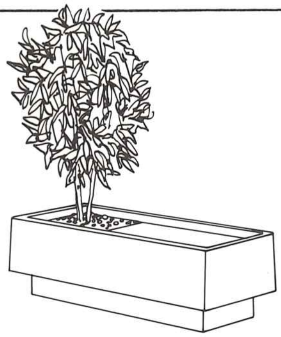
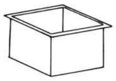
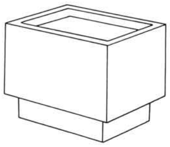
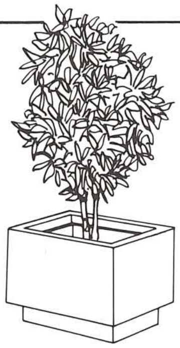
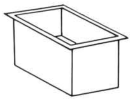
*COM not recommended on 21006 due to shell configuration. Cramer groups 1 & 2 vinyl and cloth are recommended.

FIBERGLASS FINISHES are furnished standard in White and Black at no extra charge. The 8 additional designer colors shown at the left of this price sheet are subject to an upcharge of 5% on quantities of 1 to 5 pieces per color; 6 or more no extra charge. Any additional designers colors specified by you will be matched at 10% upcharge. Allow 4 weeks for special color matching.

CUSTOMERS OWN MATERIAL: When upholstery is furnished by customer, the following pricing applies:

Quantity	Plain Materials	Stripes and Plaids
1 to 5 of each item	Use Group 4 price	Use Group 4 price plus 10%
6 or more of each item	Use Group 2 price	Use Group 2 price plus 10%

FIBERGLASS SPECIFICATIONS

ILLUSTRATION	MODEL NUMBER AND DESCRIPTIVE DATA	LIST PRICES BY UPHOLSTERY GROUPS				SHWP. DATA AND WT.
		1	2	3	4	
	**21020** Cocktail Table Overall 50 L x 22 W x 16 H	$225				Shipped SU 40 lbs.
	**21021** Upholstered Bench Overall 50 L x 22 W x 17 H COM 2 yds. Add ½ yd. For Stripes and Plaids	330	350	370	390	Shipped SU 50 lbs.
	**21022** Planter Table Overall 50 L x 22 W x 16 H Planter Opening 16 L x 16 W	240				Shipped SU 40 lbs.
	**21023** Planter Box For 21022 Table Box Size 15½ L x 15½ W x 9 D	45				Shipped SU 10 lbs.
	**21024** End Table Overall 25 L x 20 W x 18½ H	150				Shipped SU 25 lbs.
	**21025** Planter Overall 25 L x 20 W x 18½ H Planter Opening 19 L x 14 W	160				Shipped SU 25 lbs.
	**21026** Planter Box For 21025 Planter Box Size 18½ L x 13½ W x 12 D	50				Shipped SU 10 lbs.

See preceding page for pricing of fiberglass finishes and customer's own material.

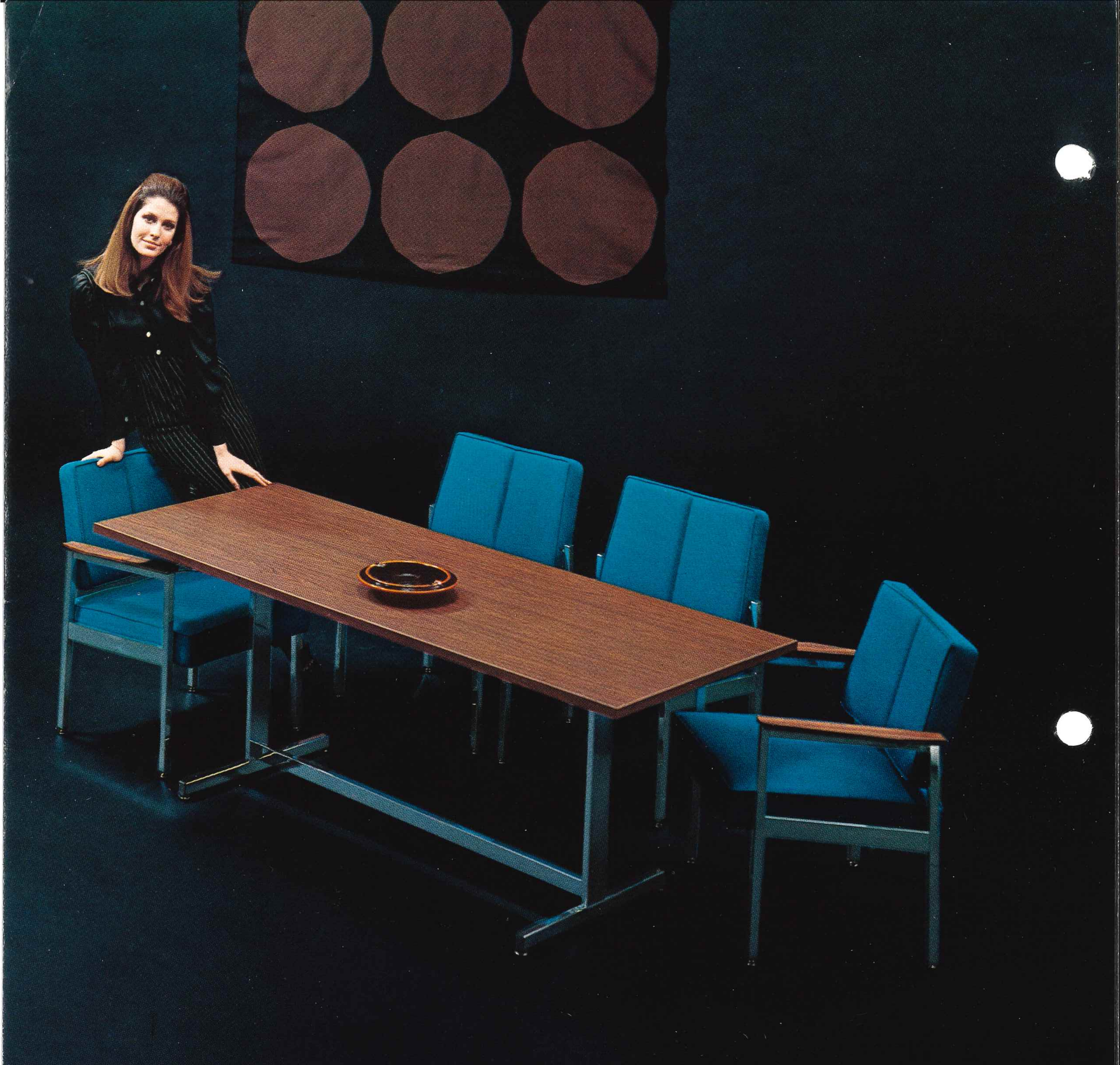
Plants illustrated in planters are not included in the pricing and not offered for sale by Cramer.

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

motiva

by Cramer

THE 5000 SERIES DESIGNED FOR SPACE SAVING



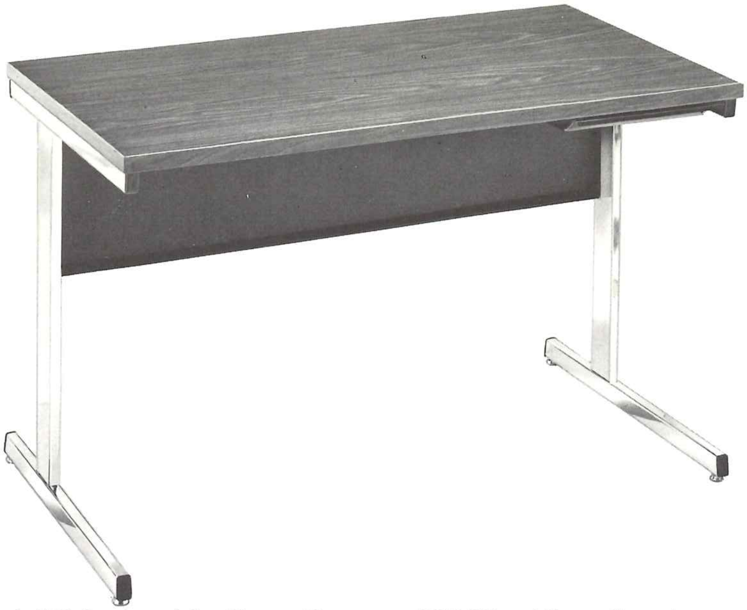
Motiva solves space problems ordinary office furniture creates. Imaginative innovations promise efficiency at all office levels...Modular filing innovations give multiple combinations for letter and legal sizes—and all standard card sizes. Motiva has been designed for an effective, functional flow of general office or data processing programs. Motiva will complement your imagination. For full information...

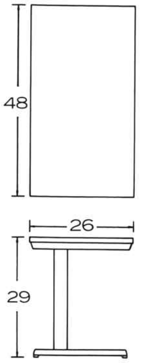
CRAMER INDUSTRIES INC.
A Subsidiary of USM Oil Company, 625 Adams Street, Kansas City, Kansas 66105, 913-621-6700

Showrooms in New York/Kansas City/Dallas/Los Angeles/San Francisco

5000 SERIES
MOTIVA
DESKS-TABLES

Motiva is designed for space saving and solves space problems ordinary office furniture creates. Imaginative innovations promise efficiency at all office levels. Modular filing innovations give multiple combinations for letter and legal sizes—and all standard card sizes. Motiva is designed for effective functional flow of general office or data processing programs.

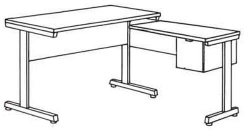




5110 with optional 12 inch wide Tray Drawer #6022. All optional accessories are illustrated and priced on the last page of the price list. Note: One 5 x 12 pencil and paper clip tray is furnished standard with each box drawer cabinet. All specifications are on page M-14.

There are 14 returns, 7 left and 7 right returns, available on the basic model shown above. These 14 returns are illustrated on the basic model as shown below. All desks with model numbers beginning with 53, have 34 inch long returns; those beginning with 54, have 40 inch returns. Two desks with returns are illustrated on the facing page.

All desks in this line have 26 inch machine height returns and stationery cabinets.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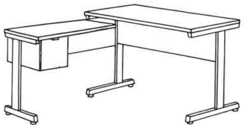
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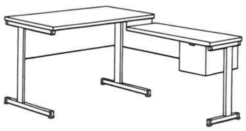
34 inch returns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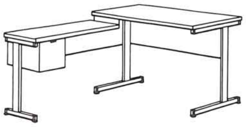
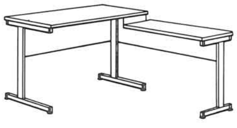

5411

40 inch returns

All desks in this line have 26 inch machine height returns, no stationery cabinets.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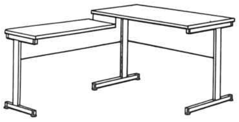
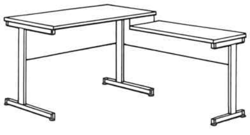

5313

34 inch returns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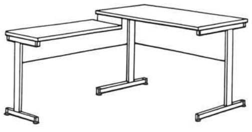
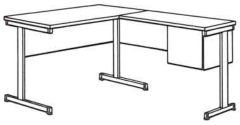

5413

40 inch returns

All desks in this line have 29 inch height returns flush to desk top, with either file or box drawers.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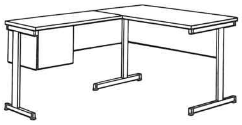
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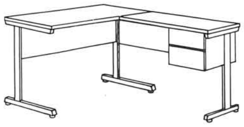
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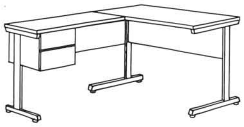
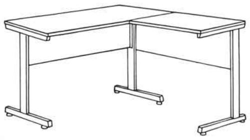

5427

40 inch returns

All desks in this line have 29 inch height returns flush to desk top, no storage cabinets.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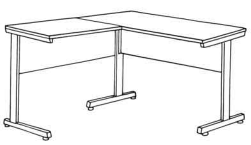
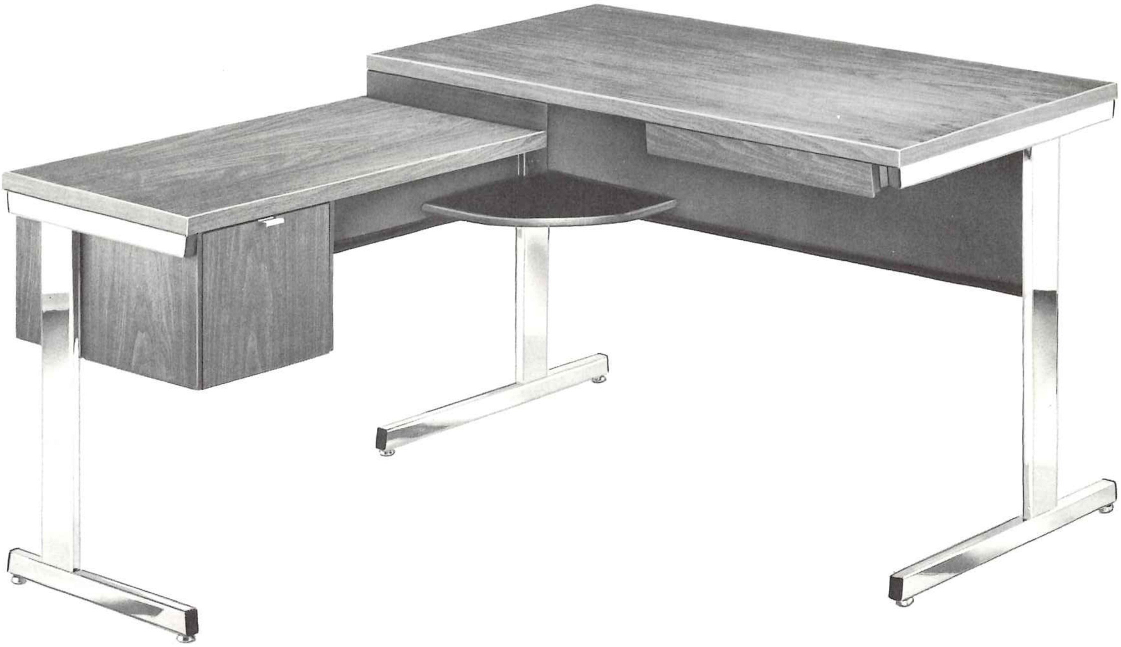
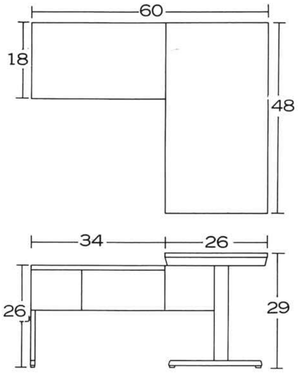
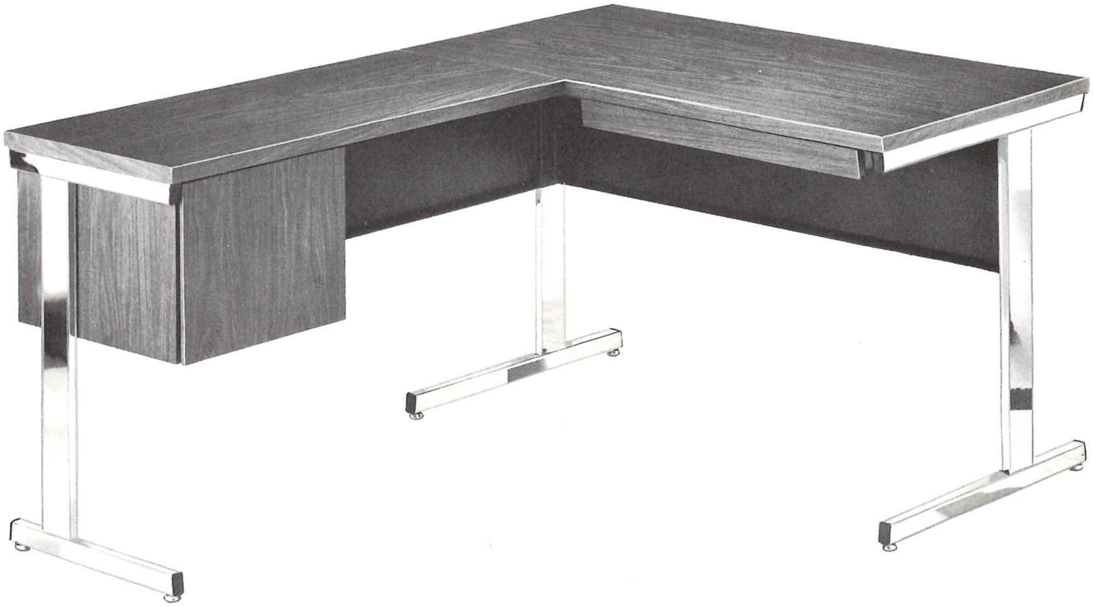

5315

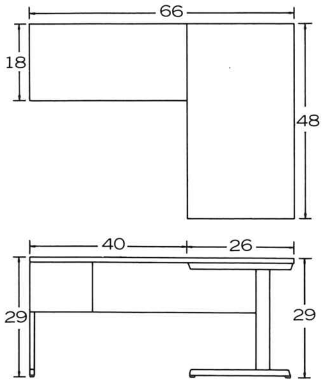
34 inch returns



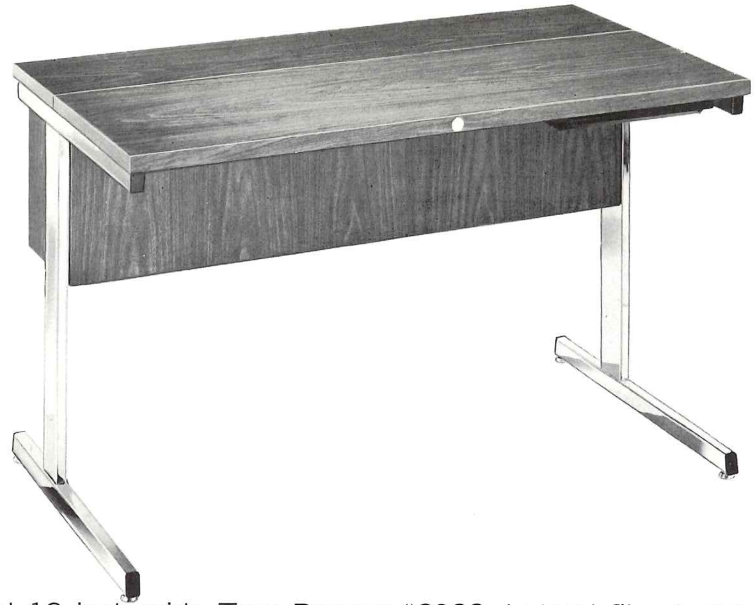


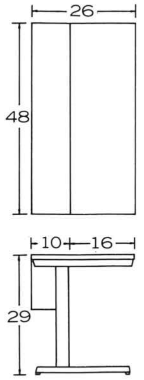
5311 with optional 19 inch wide Convenience Drawer #6023 and optional Shelf #6035. Stationery storage cabinet in secretarial return is standard, see page M-14 for cabinet details. All optional accessories are illustrated and priced on the last page of the price list. All specifications are on page M-14.





5417 with optional 26 inch wide Convenience Drawer #6025. Letter file cabinet in flush return is standard and will accommodate letter or legal size, hanger-type folders without additional hardware. All optional accessories are illustrated and priced on the last page of the price list. All specifications are on page M-14.

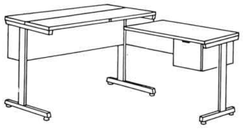




5120 with optional 12 inch wide Tray Drawer #6022. Lateral file storage cabinet in top is standard, see page M-13 for cabinet details. All optional accessories are illustrated and priced on the last page of the price list. Note: One 5 x 12 pencil and paper clip tray is furnished standard with each box drawer cabinet. All specifications are on page M-14.

There are 14 returns, 7 left and 7 right returns, available on the basic model shown above. These 14 returns are illustrated on the basic model as shown below. All desks with model numbers beginning with 53, have 34 inch long returns; those beginning with 54, have 40 inch returns. Two desks with returns are illustrated on the facing page.

All desks in this line have 26 inch machine height returns and stationery cabinets.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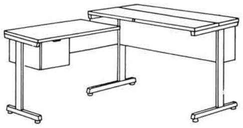
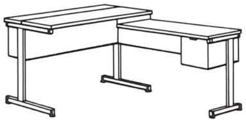

5321

34 inch returns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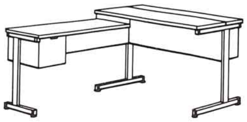
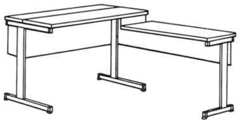

5421

40 inch returns

All desks in this line have 26 inch machine height returns, no stationery cabinets.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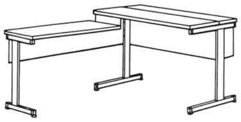
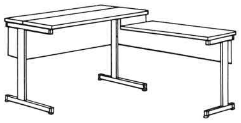

5323

34 inch returns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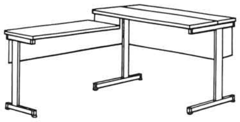
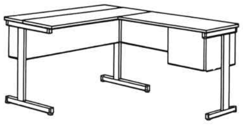

5423

40 inch returns

All desks in this line have 29 inch height returns flush to desk top, with either file or box drawers.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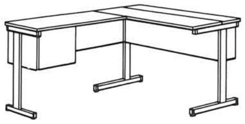
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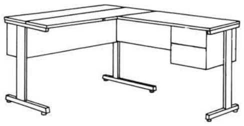
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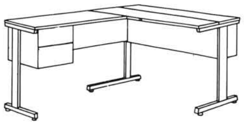
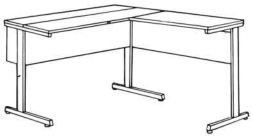

5429

40 inch returns

All desks in this line have 29 inch height returns flush to desk top, no storage cabinets.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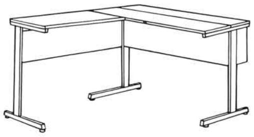
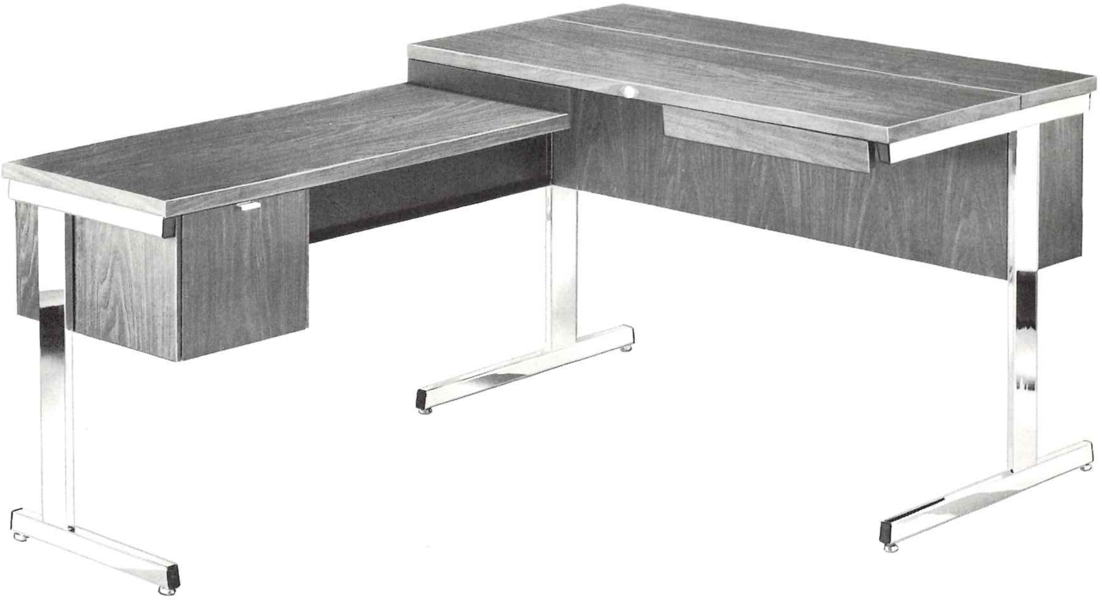
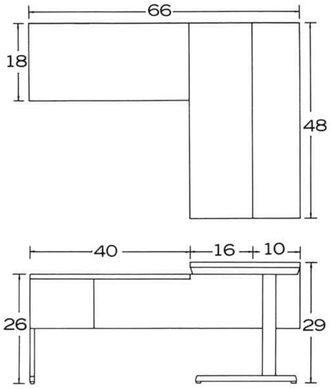
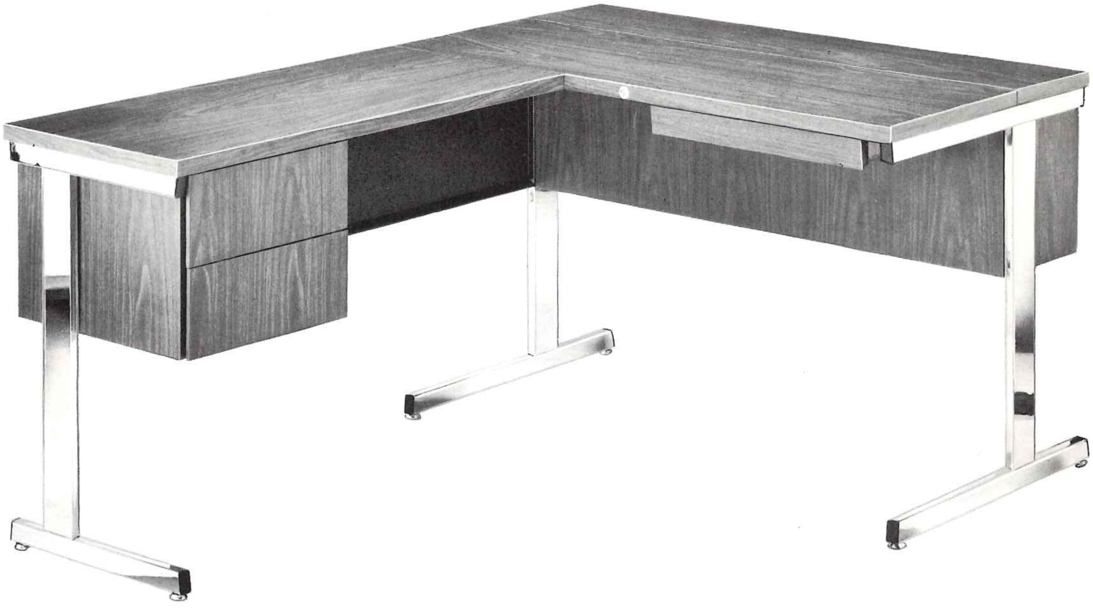

5325

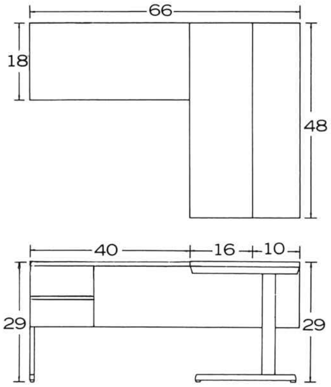
34 inch returns



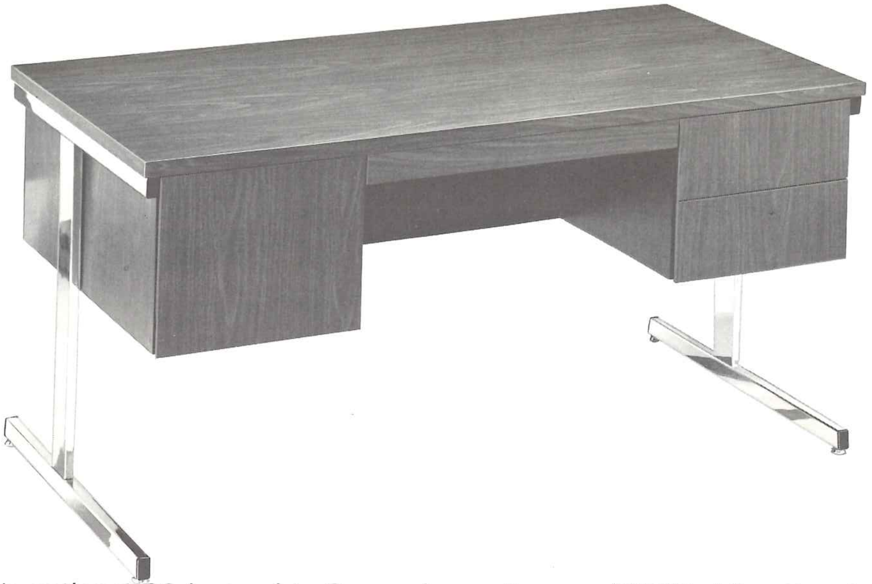


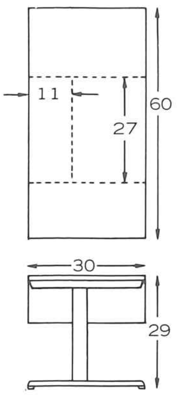
5421 with optional 19 inch wide Convenience Drawer #6023. Lateral file storage cabinet in top and stationery storage cabinet on return are standard, see pages M-13 and M-14 for cabinet details. All optional accessories are illustrated and priced on the last page of the price list. All specifications are on page M-14.

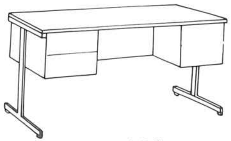




5429 with optional 19 inch wide Convenience Drawer #6023. Lateral file storage cabinet in top and box drawer cabinet on return are standard, see pages M-13 and M-14 for cabinet details. All optional accessories are illustrated and priced on the last page of the price list. Note: One 5 x 12 pencil and paper clip tray is furnished standard with each box drawer cabinet. All specifications are on page M-14.





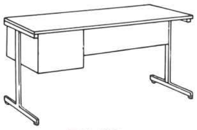


5161
60x30 Desk

5160 with optional 26 inch wide Convenience Drawer #6025. All optional accessories are illustrated and priced on the last page of the price list. Note: One 5 x 12 pencil and paper clip tray is furnished standard with each box drawer cabinet. File drawer will accommodate letter or legal size hanger type file folders, no additional hardware required. All specifications are on page M-14.

In addition to single pedestal desks, there are 14 returns, 7 left and 7 right returns, available on the basic model shown above. These 14 returns are illustrated on the basic model as shown below. All desks with model numbers beginning with 53, have 34 inch long returns; those beginning with 54, have 40 inch returns. Two desks with returns are illustrated on the facing page.

All desks in this line are single pedestal desks with either file or box drawers in right or left pedestals.



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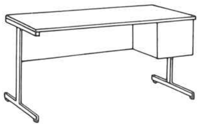

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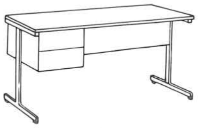

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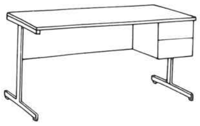
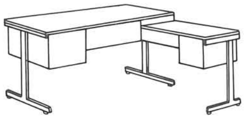


5165

All desks in this line have 26 inch height machine returns 34 inches long with stationery cabinets and either file or box drawers in pedestals.



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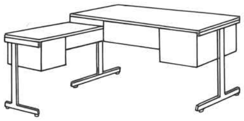

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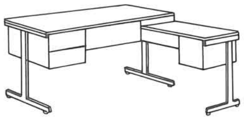

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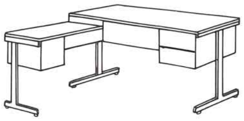
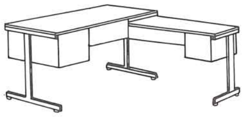


5353

34 inch returns

All desks in this line have 26 inch height machine returns 40 inches long with stationery cabinets and either file or box drawers in pedestals.



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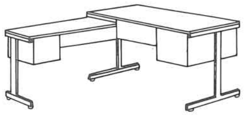

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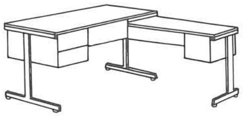

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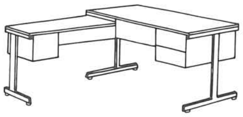
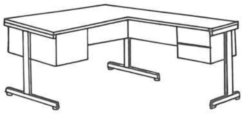


5461

40 inch returns

All desks in this line have 29 inch height returns 40 inches long, flush to desk top, with either file or box drawers in the pedestals or returns.



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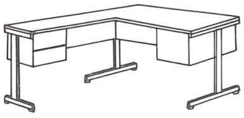

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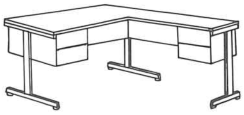

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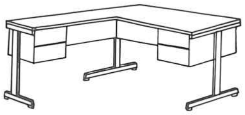
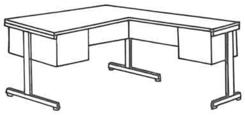


5457

40 inch returns

All desks in this line have 29 inch height returns 40 inches long, flush to desk top, with either file or box drawers in the pedestals or returns.



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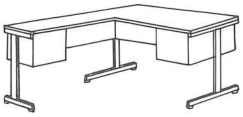

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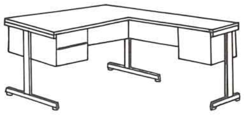

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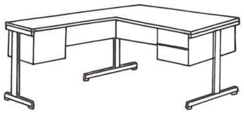
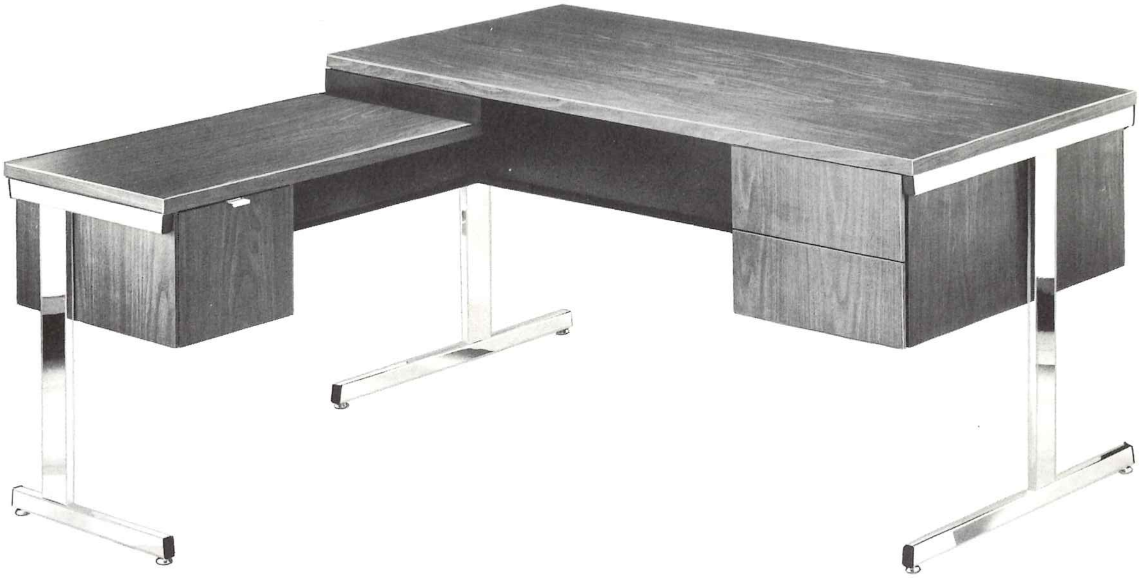
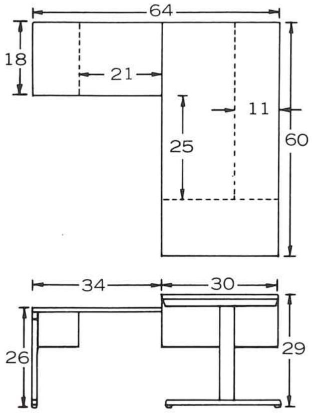


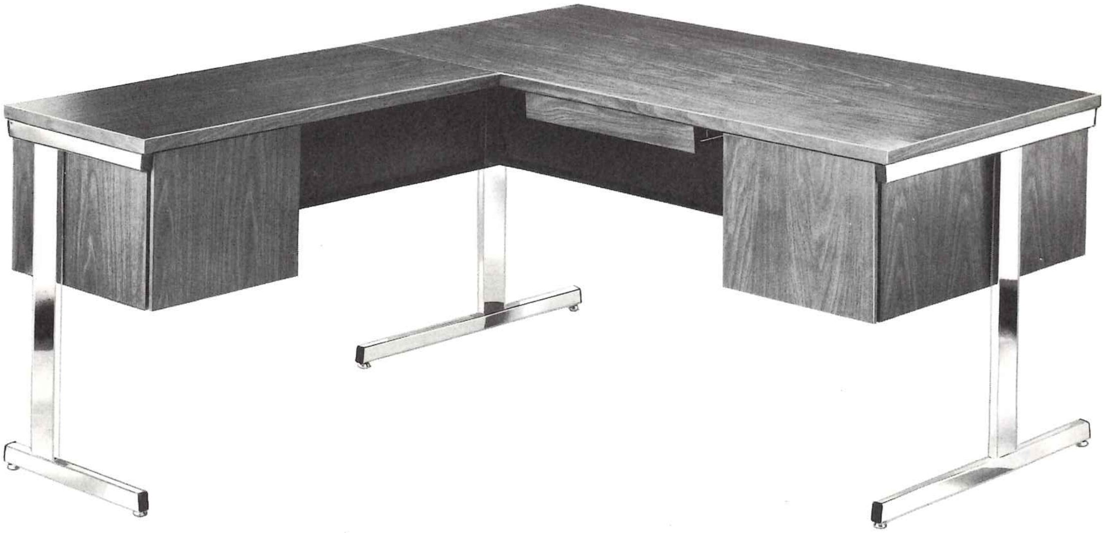
5453

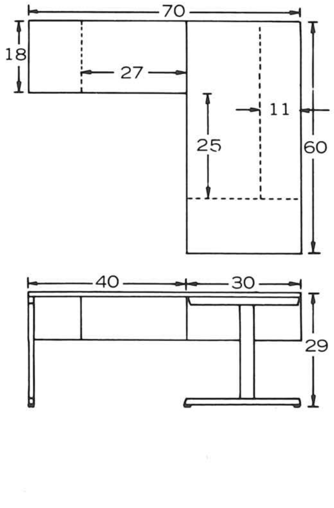
40 inch returns



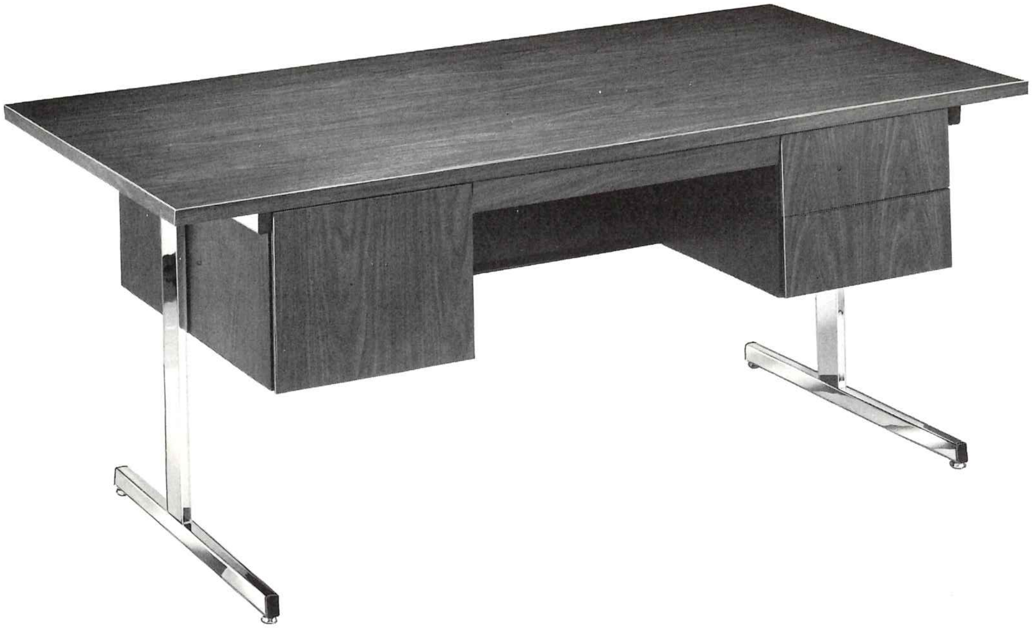


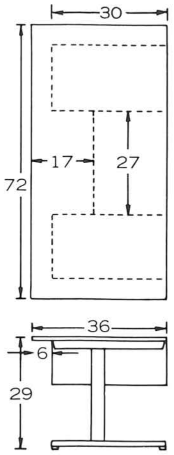
5353 All optional accessories are illustrated and priced on the last page of the price list. Note: One 5 x 12 pencil and paper clip tray is furnished standard with each box drawer cabinet. All specifications are on page M-14.



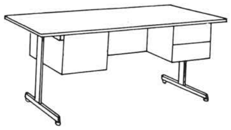


5451 with optional 19 inch wide Convenience Drawer #6023. All optional accessories are illustrated and priced on the last page of the price list. File drawer will accommodate letter or legal size hanger type file folders, no additional hardware required. All specifications are on page M-14.

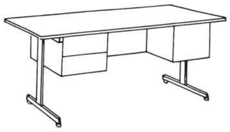




5170 with optional 26 inch wide Convenience Drawer #6025. This 72 x 36 overhang top desk is available in 2 styles illustrated at right. All optional accessories are illustrated and priced on the last page of the price list. Note: One 5 x 12 pencil and paper clip tray is furnished standard with each box drawer cabinet. File drawer will accommodate letter or legal size hanger type file folders, no additional hardware required. All specifications are on page M-14.



5170



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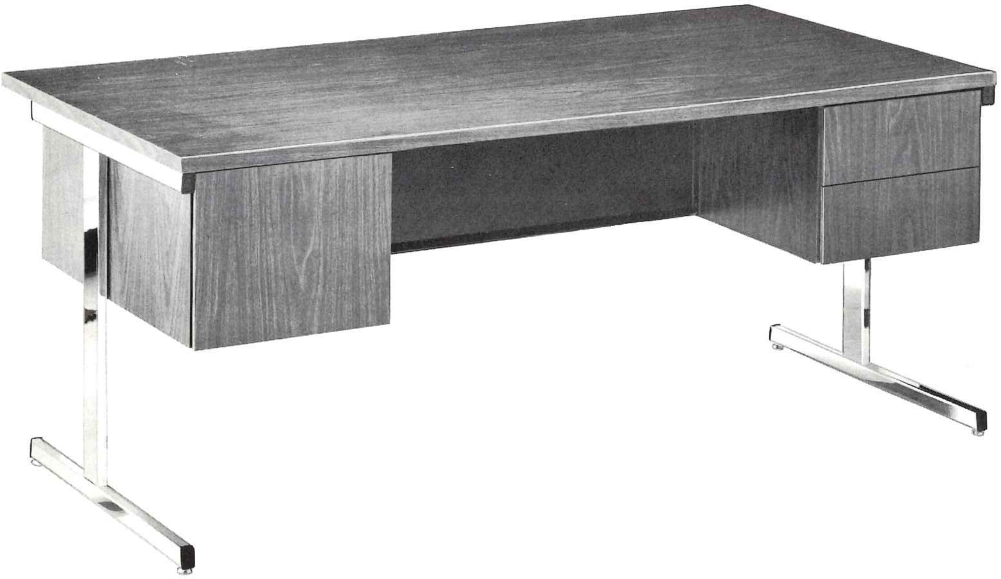
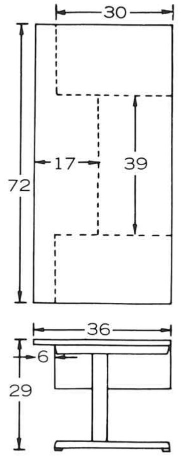
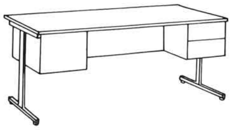
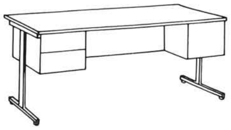




5180 This 72 x 36 flush top desk is available in 2 styles illustrated at right. All optional accessories are illustrated and priced on the last page of the price list. Note: One 5 x 12 pencil and paper clip tray is furnished standard with each box drawer cabinet. File drawer will accommodate letter or legal size hanger type file folders, no additional hardware required. All specifications are on page M-14.

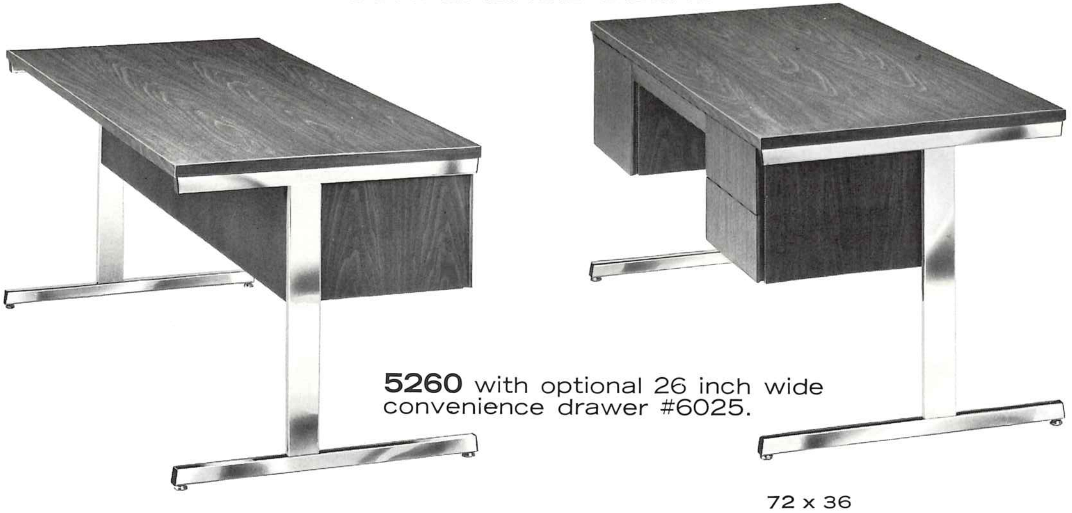


5180

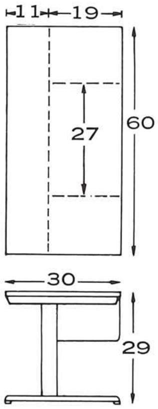


5181

CONFERENCE DESKS

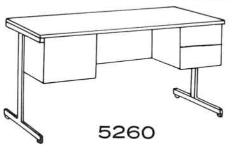


5260 with optional 26 inch wide convenience drawer #6025.

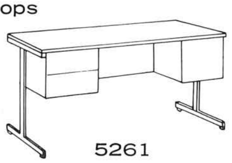


11
19
27
60
30
29

60 x 30
Flush Tops

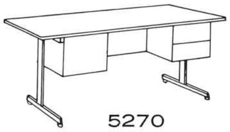


5260

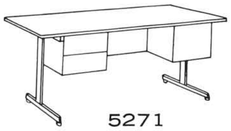


5261

72 x 36
Overhang Tops

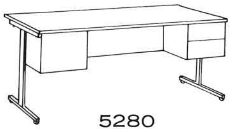


5270

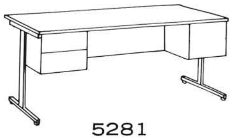


5271

A=27 inches
Flush Tops

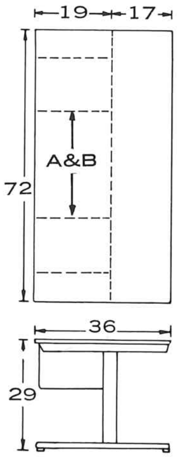


5280



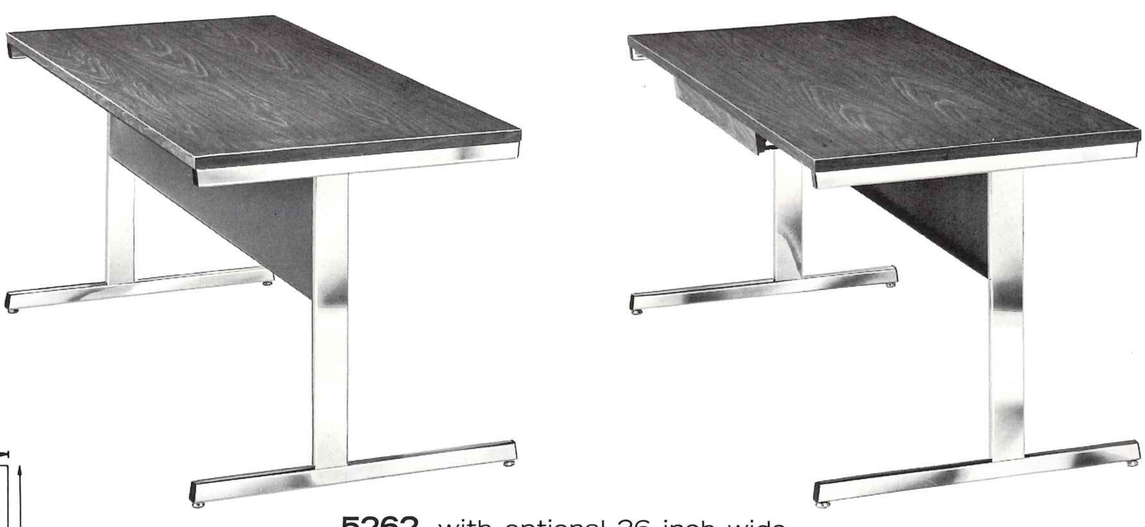
5281

B=39 inches

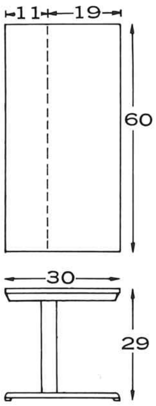


19
17
A&B
72
36
29

TABLE DESKS

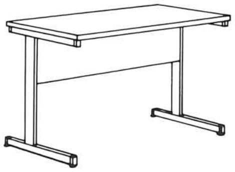


5262 with optional 26 inch wide convenience drawer #6025.



11
19
60
30
29

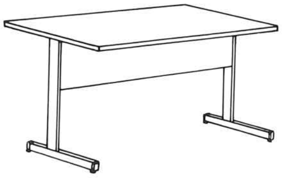
60 x 30
Flush Top



5262

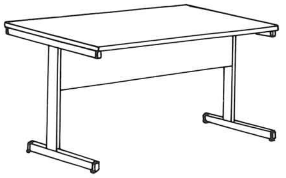
72 x 36

Overhang Top

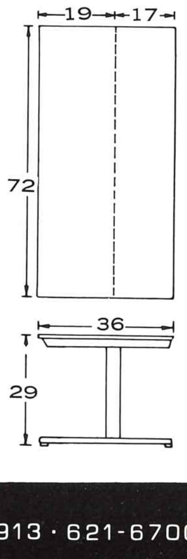


5272

Flush Top

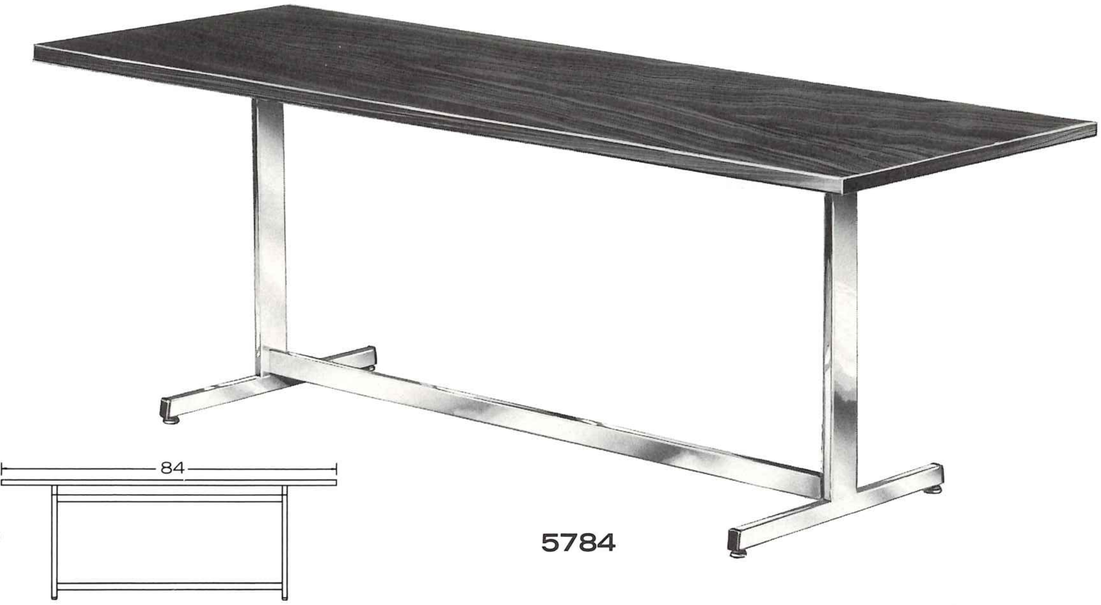


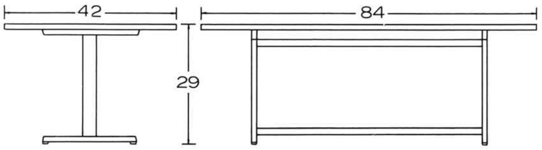
5282



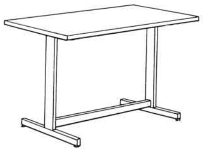
19
17
72
36
29

CONFERENCE TABLES

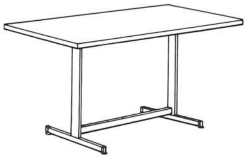




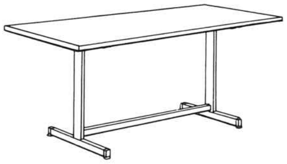
5784



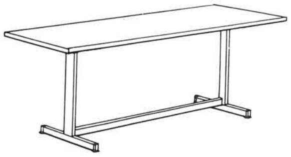
5748
48 x 26



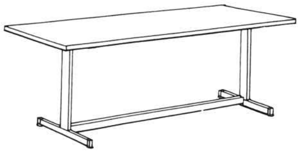
5760
60 x 30



5772
72 x 30



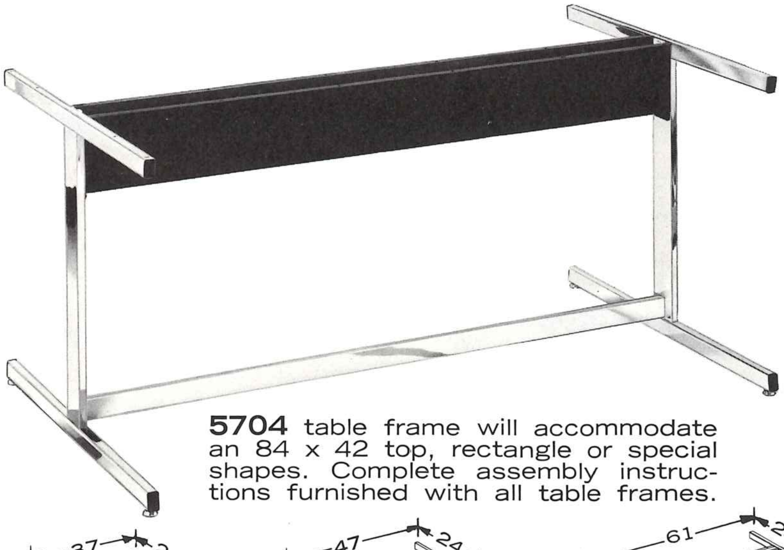
5784
84 x 42



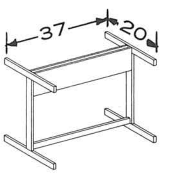
5796
96 x 42

FRAMES ONLY

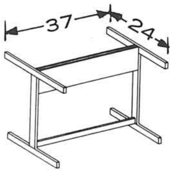
For customer's own tops



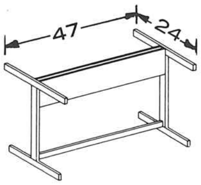
5704 table frame will accommodate an 84 x 42 top, rectangle or special shapes. Complete assembly instructions furnished with all table frames.



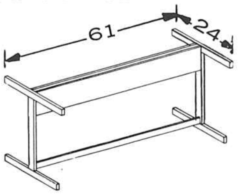
5708
For 48 x 26 Top



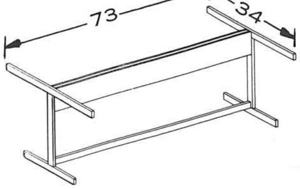
5700
For 60 x 30 Top



5702
For 72 x 30 Top

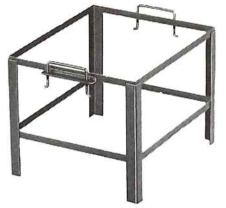


5704
For 84 x 42 Top

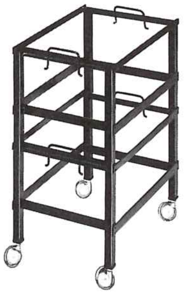


5706
For 96 x 42 Top

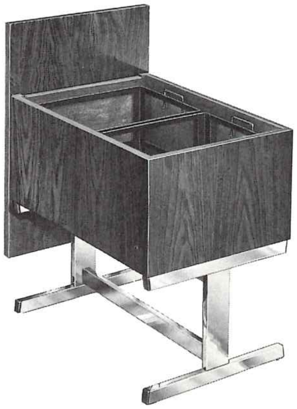
TUB FILE CABINET



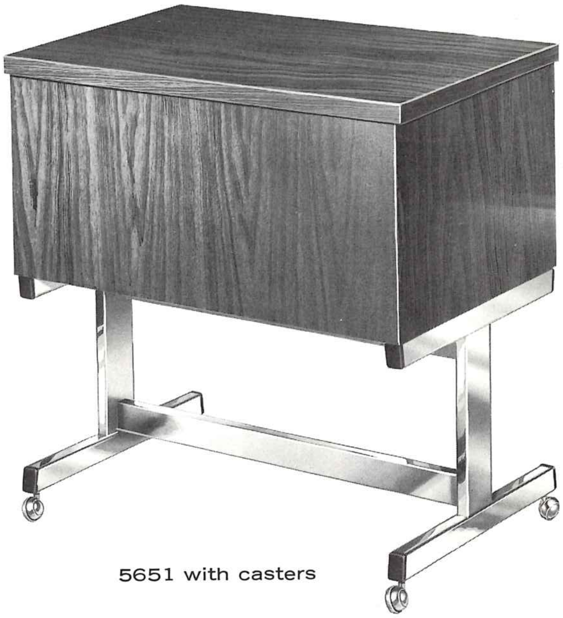
6024 Extra Rack



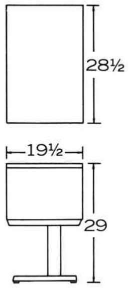
6024-DSC
Double stack open tub file



5650 with glides

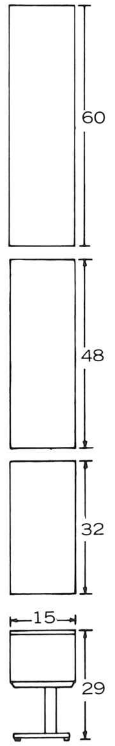


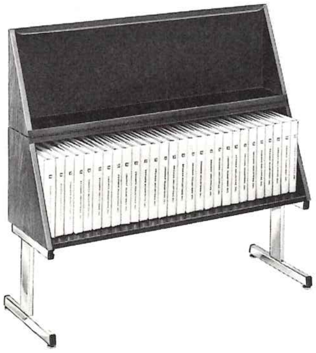
5651 with casters

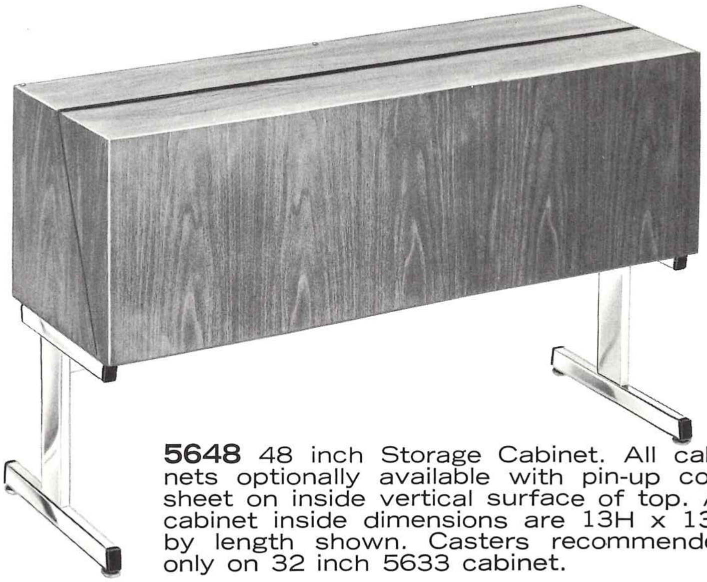


Tub File Cabinet: 17½Wx12Hx26¼D inside dimensions. Door hinges up and slides down back end of cabinet exposing entire file capacity to full access. Cabinet comes equipped with 2 lift-out File Racks made of heavy gage steel which is the only hardware required for either letter or legal size file folders. Storage racks are 17Wx11Hx12⅝D outside dimensions. Extra racks for stackable storage are available, see price list. Double stack open tub file on casters is available as **6024-DSC**.

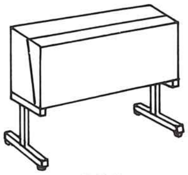
CATALOG OR BINDER STORAGE CABINETS



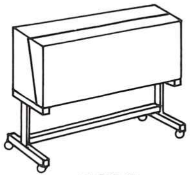




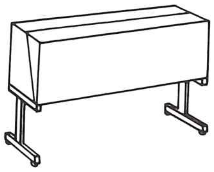
5648 48 inch Storage Cabinet. All cabinets optionally available with pin-up cork sheet on inside vertical surface of top. All cabinet inside dimensions are 13H x 13D by length shown. Casters recommended only on 32 inch 5633 cabinet.



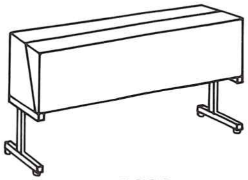
5632
32x15



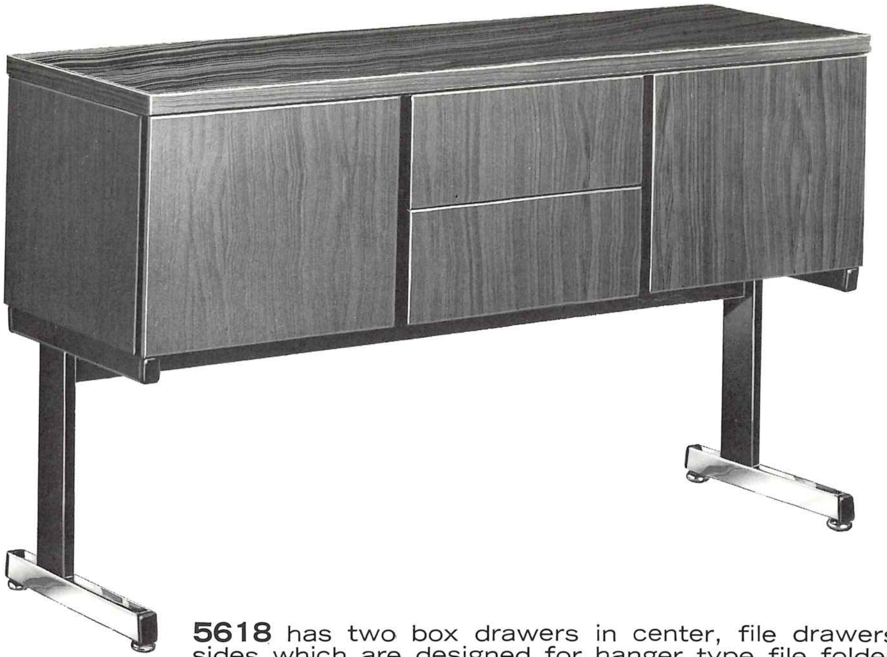
5633
32x15



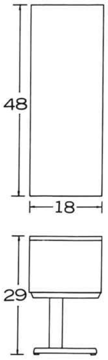
5648
48x15



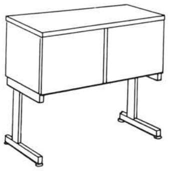
5660
60x15



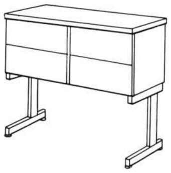
5618 has two box drawers in center, file drawers on both sides which are designed for hanger type file folders, no additional hardware required. File drawers will accommodate both letter and legal size.



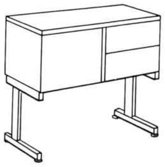
All credenzas in this grouping are 32 inches long with file and box drawers and casters or glides as shown. All file drawers are designed for hanger type file folders, no other hardware required, will accommodate both letter and legal size.



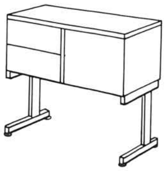
5610



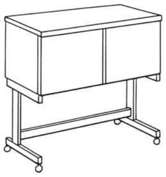
5612



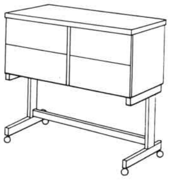
5614



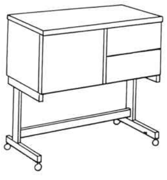
5616



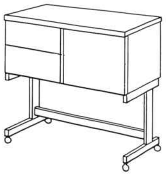
5611



5613

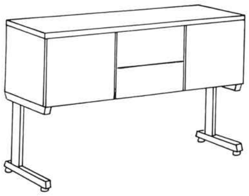


5615

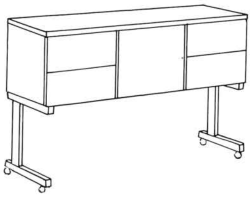


5617

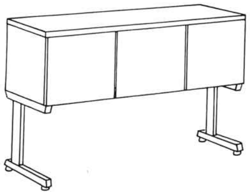
All credenzas in this grouping are 48 inches long with file and box drawers as shown. Open shelf is adjustable or can be removed. All file drawers are designed for hanger type file folders, no other hardware required, will accommodate both letter and legal size.



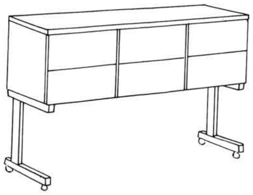
5618



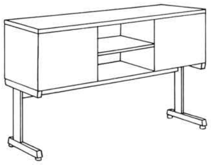
5619



5620



5621



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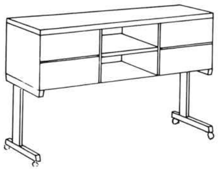

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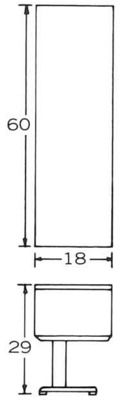
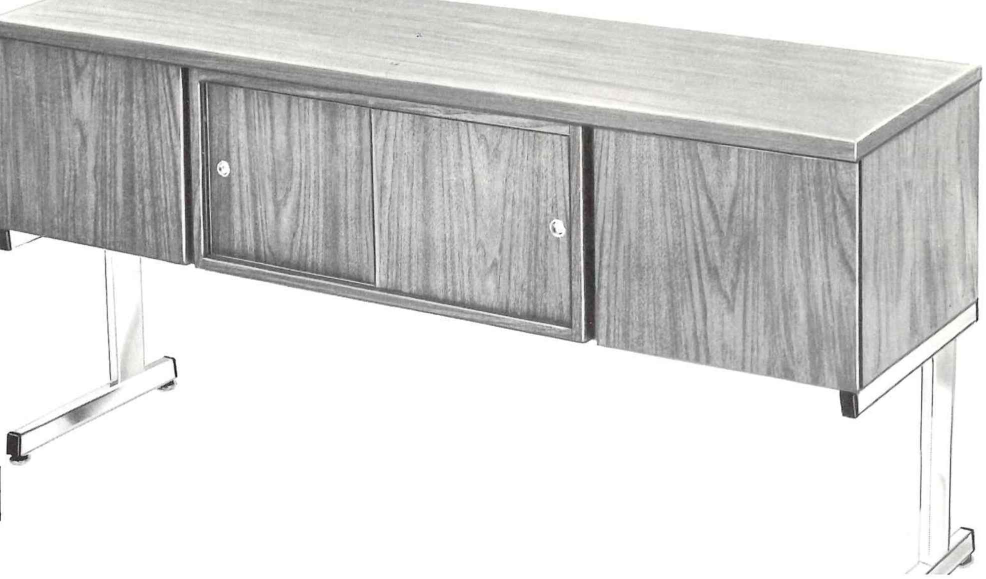
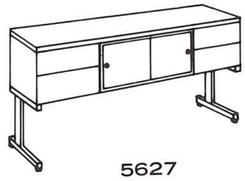
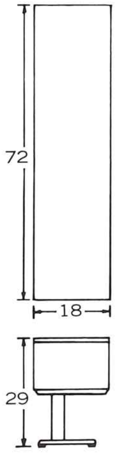


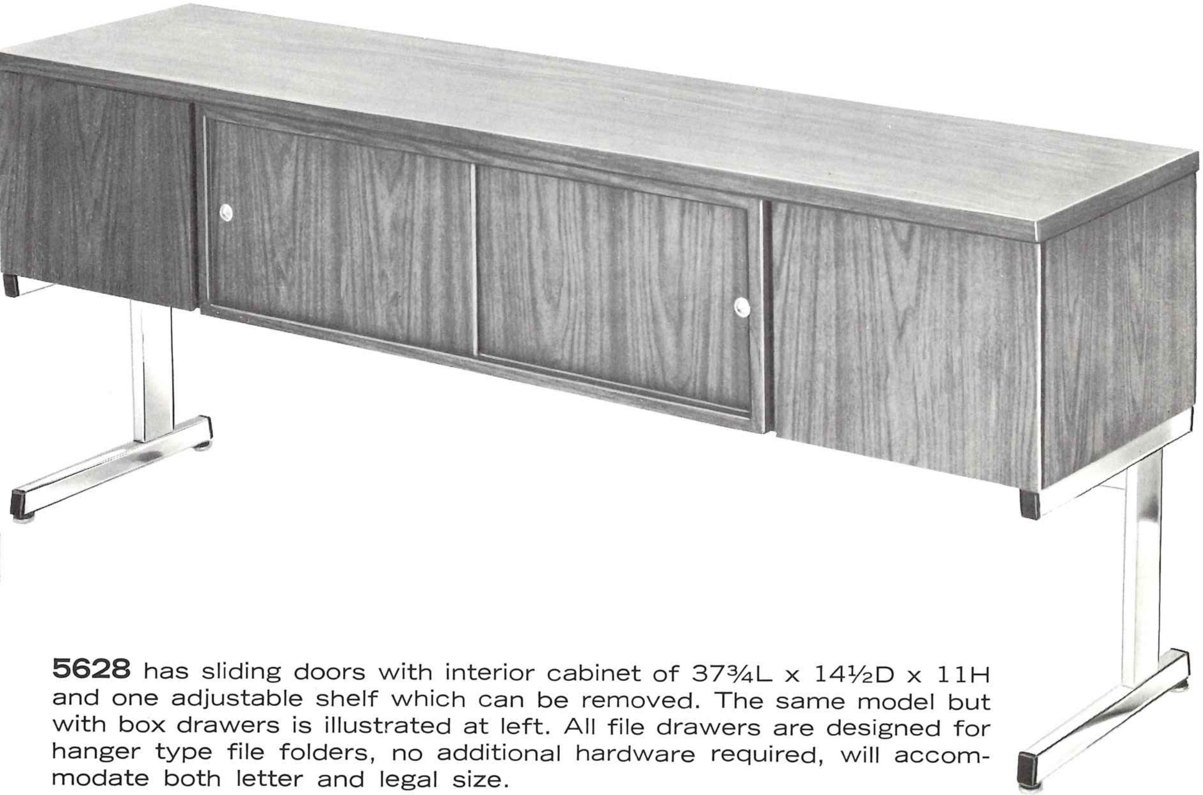


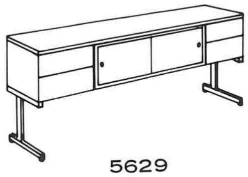


5627

5626 has sliding doors with interior cabinet of 25¾L x 14½D x 11H and one adjustable shelf which can be removed. The same model but with box drawers is illustrated at left. All file drawers are designed for hanger type file folders, no additional hardware required, will accommodate both letter and legal size.





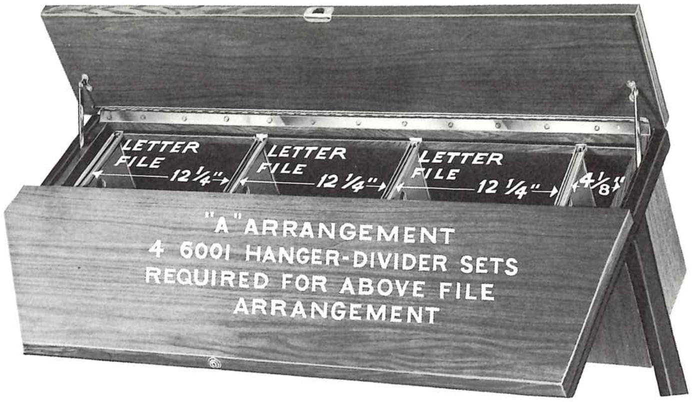


5629

5628 has sliding doors with interior cabinet of 37¾L x 14½D x 11H and one adjustable shelf which can be removed. The same model but with box drawers is illustrated at left. All file drawers are designed for hanger type file folders, no additional hardware required, will accommodate both letter and legal size.

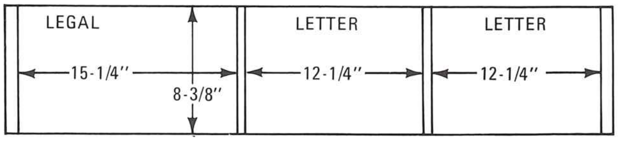
CABINET DETAILS

Lateral File Storage Cabinet: 43⅞W x 12H x 8⅜D inside dimensions. Horizontal grooves along width of cabinet receive adjustable dividers which permit variable arrangements of letter and legal hanger-type filing, card filing and book storage. The only optional accessories required are 6001 Divider Sets and 6021 Card File Boxes as specified below.

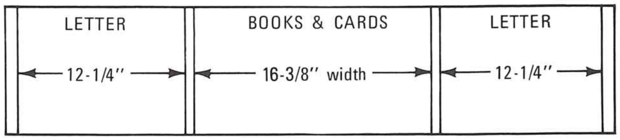

LETTER FILE 12 ¼"
LETTER FILE 12 ¼"
LETTER FILE 12 ¼"
4⅛"
"A" ARRANGEMENT
4 6001 HANGER-DIVIDER SETS
REQUIRED FOR ABOVE FILE
ARRANGEMENT

OTHER FILE ARRANGEMENTS PLAN VIEWS

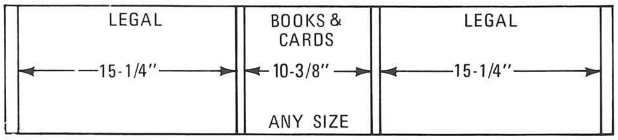
B. REQUIRES (4) **6001** DIVIDERS


LEGAL
LETTER
LETTER
15-1/4"
12-1/4"
12-1/4"
8-3/8"

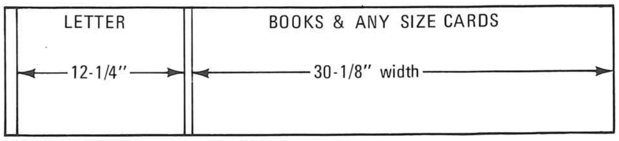
C. REQUIRES (4) **6001** DIVIDERS . . . SEE CARD BOX BELOW


LETTER
BOOKS & CARDS
LETTER
12-1/4"
16-3/8" width
12-1/4"

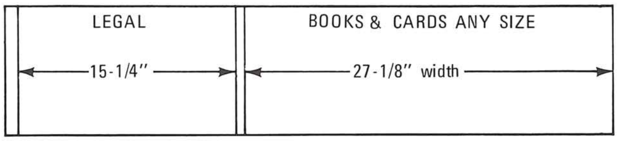
D. REQUIRES (4) **6001** DIVIDERS . . . SEE CARD BOX BELOW


LEGAL
BOOKS & CARDS
LEGAL
15-1/4"
10-3/8"
15-1/4"
ANY SIZE

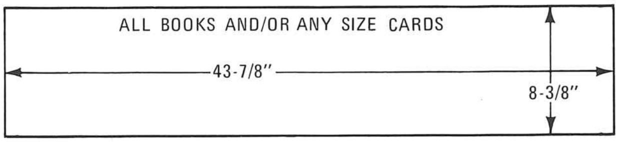
E. REQUIRES (2) **6001** DIVIDERS . . . SEE CARD BOX BELOW


LETTER
BOOKS & ANY SIZE CARDS
12-1/4"
30-1/8" width

F. REQUIRES (2) **6001** DIVIDERS . . . SEE CARD BOX BELOW

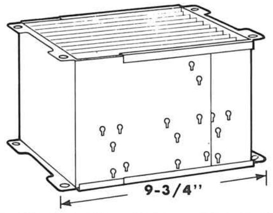

LEGAL
BOOKS & CARDS ANY SIZE
15-1/4"
27-1/8" width

G. REQUIRES NO DIVIDERS . . . SEE CARD BOX BELOW

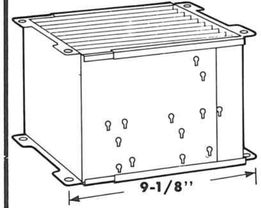

ALL BOOKS AND/OR ANY SIZE CARDS
43-7/8"
8-3/8"

STANDARD CARD SIZES . . . DATA . . . BOX WIDTH FACTOR

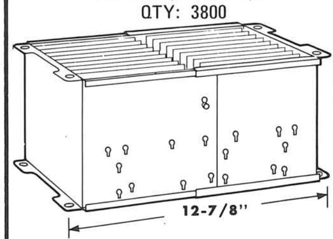
SIZE: 5" x 8"
QTY: 1900



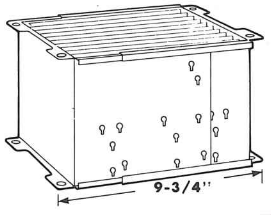
SIZE: 3-3/16" x 7-3/8" IBM
QTY: 2300



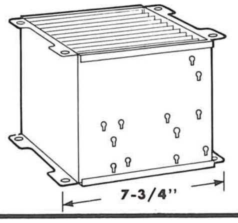
SIZE: 3-1/4" x 5-1/2"
QTY: 3800



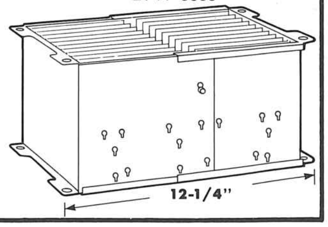
SIZE: 3" x 8" CHECKS
QTY: 3000



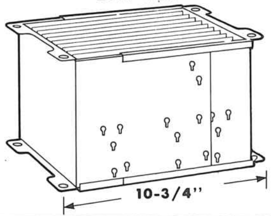
SIZE: 4" x 6"
QTY: 1900



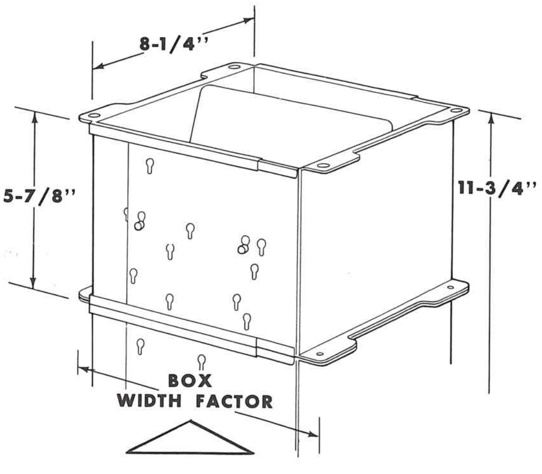
SIZE: 3" x 5"
QTY: 3800



SIZE: 6" x 9"
QTY: 1200

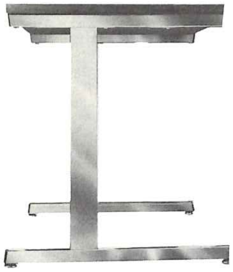


6021 CARD FILE BOX
STACK OF TWO

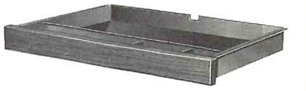

8-1/4"
5-7/8"
11-3/4"
BOX
WIDTH FACTOR

NOTE: **Two** (2) card boxes are required in each stack to bring top of cards to top level of Lateral File Cabinet. Card quantities given above are for 2 boxes, one nested upon the other. Card size dictates width of box. To determine number of box stacks, divide chosen cabinet width by box width factor △ above. Any excess width can be used for book storage. Card Boxes are optionally available at extra charge. See price list.

5000 SERIES SPECIFICATIONS

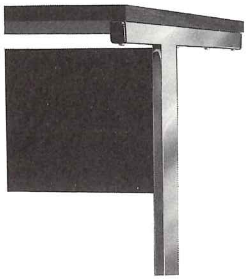


Cantilever Frame Construction is functionally designed entirely of steel for brute strength. Horizontal elements are .083 wall 1 x 1½ steel tubing with rectangular blanked holes to receive a vertical steel tube .065 wall ¾ x 3. Two tie-bolts ⅜ diameter and hex flange-nuts, properly torque-tightened at the factory, securely "unitize" the frame.



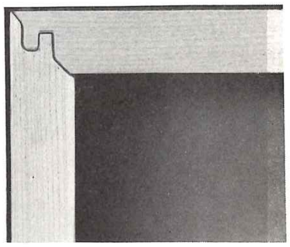
Drawers are .035 formed sheet steel mounted on friction-free slides. Drawer dimensions are: Small size Tray #6022 11⅝W x 1⅛H x 12D, medium size Convenience #6023 17¼W x 14¼D x 2H, large size Convenience #6025 24W x 16D x 2H. Medium and large sizes are faced with genuine walnut. Pencil and paper clip tray is 5 x 12 x 1 molded plastic furnished standard in each box drawer cabinet.

Stationery Storage Cabinet has hinged down door which slides out of way under cabinet automatically indexing forward steel stationery rack. Rack will hold letter or legal size stationery, envelopes and shorthand book.

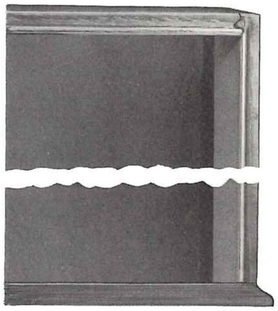


Back Panel Construction is also functionally designed as a personal shield and gives positive lateral stability to the desk structure. Panel is .059 sheet steel with top and bottom edges formed to triangular cross section for smoothness and super strength. Ends are angle-formed, welded corner joints and fastened to side frames by ¼ hex flange-head locking-type bolts.

Cabinet Corner Joints are skillfully tongue and grooved on miter for ultimate holding power. Cabinet sides are ¾ particle wood core with high pressure laminated plastic sheet bonded on outside surfaces.



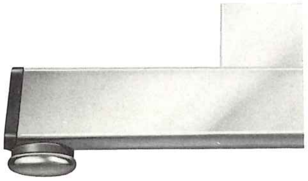
Textured Walnut Tops are constructed of high pressure laminated plastic sheet bonded to top and bottom surface of wood particle board core, overall thickness of 1¹⁄₁₆ inches. Edges and corners slightly eased with chamfer to minimize bruising and cutting. Teak and white plastic laminates are optionally available, see price list.



Drawer Corner Joints are tongue and grove lock-joint. Sides are ½ inch hardwood with hanger-type file carrier machined in top edge. Drawer fronts are particle board, genuine walnut edged, laminated plastic faced and sides machined with concealed drawer pulls.

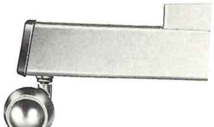
Knee Freedom is a by-product of the cantilever design. Easy access is a breeze, especially where premium space dictates close quarters. Clerical desks can be spaced to 22 inches or less affording maximum personnel capacity.

Lateral File Cabinet has spring-loaded mechanism which partially lifts hinged top when push button is released. Hinge bracket supports on both sides of cabinet have restricted slides to prevent accidental droppage. Hinged top must be pushed down to close. Latching mechanism automatically retains hinged top until push button is actuated. Optional lock available.



Plated Adjustable Glides have 1⅜ inch diameter hardened steel plates, cushioned in live rubber for quiet operation and extra service life. Threaded glide stems easily adjust by screwing into steel threaded sleeve-nut imbedded in high-impact molded plastic plug driven in leg ends.

Spherical-Type Casters have 1½ inch diameter metal tread wheels, delrin bearing never needs lubricant. Casters are recommended only on double unit credenzas 32 inches long and tub files for mobility on carpet.



CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

5000 SERIES MOTIVA DESKS—TABLES PRICE LIST

ZONE 1 • No. 3272

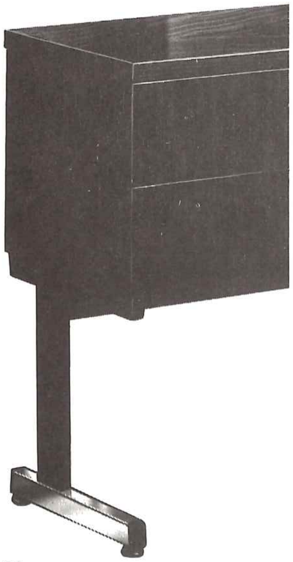
FOB PLANT, KANSAS CITY, KANSAS

PRICES AND SPECIFICATIONS
SUBJECT TO CHANGE WITHOUT NOTICE

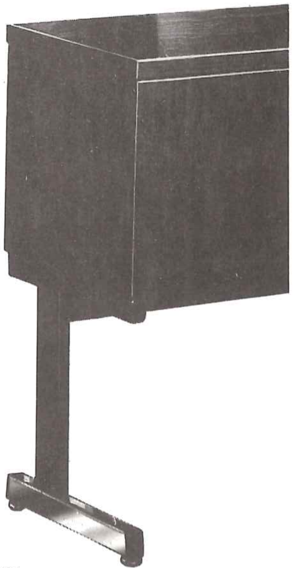
FINISH TREATMENT SELECTIONS

Standard frame finishes are illustrated below. Back panels of desks and returns are finished in textured ebony black. Drawers, shelves, bracing and return connectors are finished in matching ebony black when walnut and teak plastic tops are specified. The same parts are finished in semi-gloss white enamel when white plastic tops are specified. Special painted colors will be quoted upon request.

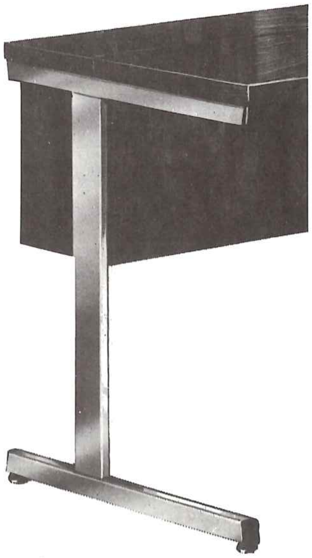
Antique Bronze plated finish is available in lieu of -20 Mirror Chrome at 25% additional to the -20 finish cost quoted in the price list. Specify -50 following the model number. Teak and White Plastic Finishes are available on tops and cabinets at 10% additional cost. Specify either Teak or White following the model number.



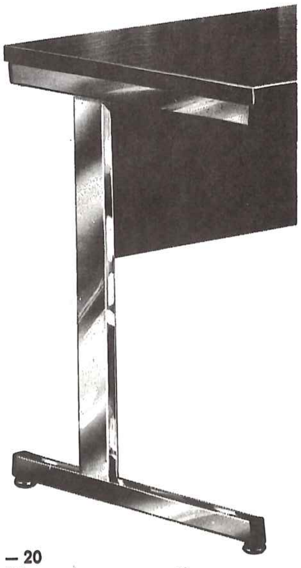
— 31
Satin chrome bottom legs, balance of frame painted textured ebony black.



— 21
Mirror chrome bottom legs, balance of frame painted textured ebony black.

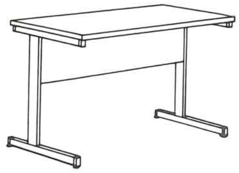
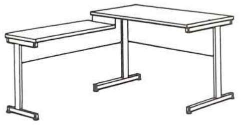
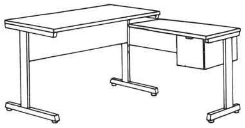
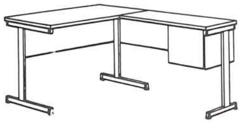
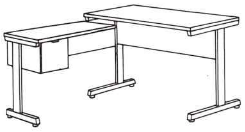
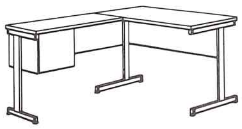
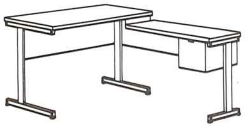
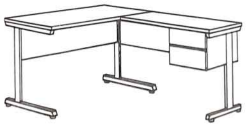
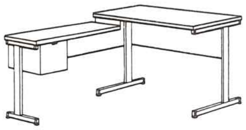
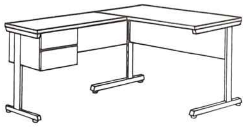
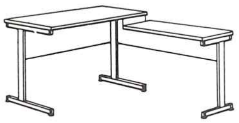
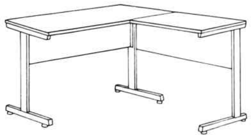
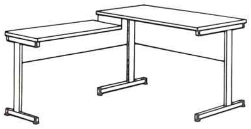
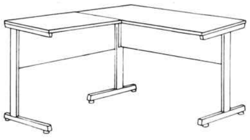
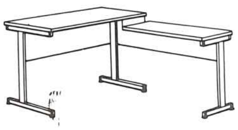
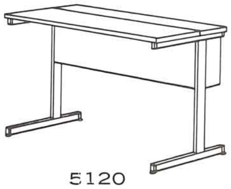


— 30
Satin chrome overall.



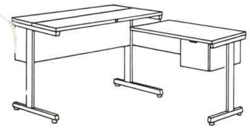
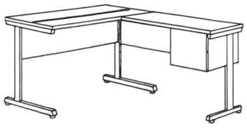
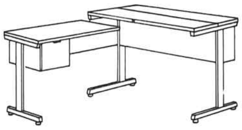
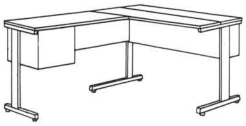
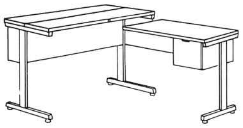
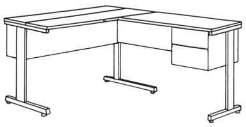
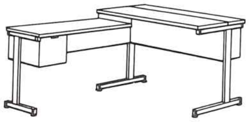
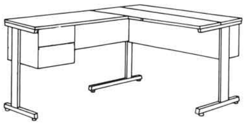
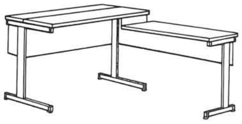
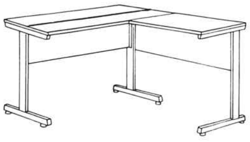
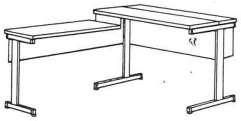
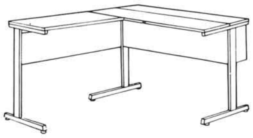
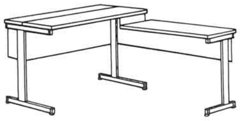
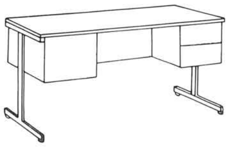
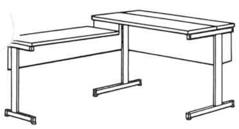
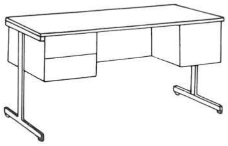
— 20
Mirror chrome overall.

5000 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA	ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA
48x26 Desk  5110	5110-31	128.10	Shipped KD Flat 1 per Ctn. 95 lbs.	48x26 Desk 40x18 Return  5413	5413-31	193.20	Shipped KD Flat 1 per Ctn. 150 lbs.
	5110-21				5413-21		
	5110-30	155.40			5413-30	235.20	
	5110-20				5413-20		
48x26 Desk 34x18 Return  5310	5310-31	287.70	Shipped KD 1 per Ctn. 177 lbs.	48x26 Desk 40x18 Return  5416	5416-31	310.80	Shipped KD 1 per Ctn. 192 lbs.
	5310-21				5416-21		
	5310-20	329.70			5416-30	352.80	
	5310-30				5416-20		
48x26 Desk 34x18 Return  5311	5311-31	287.70	Shipped KD 1 per Ctn. 177 lbs.	48x26 Desk 40x18 Return  5417	5417-31	310.80	Shipped KD 1 per Ctn. 191 lbs.
	5311-21				5417-21		
	5311-30	329.70			5417-30	352.80	
	5311-20				5417-20		
48x26 Desk 40x18 Return  5410	5410-31	294.00	Shipped KD 1 per Ctn. 182 lbs.	48x26 Desk 40x18 Return  5426	5426-31	336.00	Shipped KD 1 per Ctn. 196 lbs.
	5410-21				5426-21		
	5410-30	336.00			5426-30	378.00	
	5410-20				5426-20		
48x26 Desk 40x18 Return  5411	5411-31	294.00	Shipped KD 1 per Ctn. 182 lbs.	48x26 Desk 40x18 Return  5427	5427-31	336.00	Shipped KD 1 per Ctn. 196 lbs.
	5411-21				5427-21		
	5411-30	336.00			5427-30	378.00	
	5411-20				5427-20		
48x26 Desk 34x18 Return  5312	5312-31	186.90	Shipped KD Flat 1 per Ctn. 146 lbs.	48x26 Desk 34x18 Return  5314	5314-31	186.90	Shipped KD Flat 1 per Ctn. 148 lbs.
	5312-21				5314-21		
	5312-30	228.90			5314-30	228.90	
	5312-20				5314-20		
48x26 Desk 34x18 Return  5313	5313-31	186.90	Shipped KD Flat 1 per Ctn. 146 lbs.	48x26 Desk 34x18 Return  5315	5315-31	186.90	Shipped KD Flat 1 per Ctn. 148 lbs.
	5313-21				5315-21		
	5313-30	228.90			5315-30	228.90	
	5313-20				5315-20		
48x26 Desk 40x18 Return  5412	5412-31	193.20	Shipped KD Flat 1 per Ctn. 150 lbs.	48x26 Desk  5120	5120-31	233.10	Shipped SU 1 per Ctn. 121 lbs.
	5412-21				5120-21		
	5412-30	235.20			5120-30	260.40	
	5412-20				5120-20		

CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 · 621-6700

5000 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA	ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA
48x26 Desk 34x18 Return  5320	5320-31	392.70	Shipped KD 1 per Ctn. 191 lbs.	48x26 Desk 40x18 Return  5418	5418-31	415.80	Shipped KD 1 per Ctn. 207 lbs.
	5320-21				5418-21		
	5320-30	434.70			5418-30	457.80	
	5320-20				5418-20		
48x26 Desk 34x18 Return  5321	5321-31	392.70	Shipped KD 1 per Ctn. 191 lbs.	48x26 Desk 40x18 Return  5419	5419-31	415.80	Shipped KD 1 per Ctn. 207 lbs.
	5321-21				5419-21		
	5321-30	434.70			5419-30	457.80	
	5321-20				5419-20		
48x26 Desk 40x18 Return  5420	5420-31	399.00	Shipped KD 1 per Ctn. 209 lbs.	48x26 Desk 40x18 Return  5428	5428-31	441.00	Shipped KD 1 per Ctn. 211 lbs.
	5420-21				5428-21		
	5420-30	441.00			5428-30	483.00	
	5420-20				5428-20		
48x26 Desk 40x18 Return  5421	5421-31	399.00	Shipped KD 1 per Ctn. 209 lbs.	48x26 Desk 40x18 Return  5429	5429-31	441.00	Shipped KD 1 per Ctn. 211 lbs.
	5421-21				5429-21		
	5421-30	441.00			5429-30	483.00	
	5421-20				5429-20		
48x26 Desk 34x18 Return  5322	5322-31	291.90	Shipped KD 1 per Ctn. 168 lbs.	48x26 Desk 34x18 Return  5324	5324-31	291.90	Shipped KD Flat 1 per Ctn. 174 lbs.
	5322-21				5324-21		
	5322-30	333.90			5324-30	333.90	
	5322-20				5324-20		
48x26 Desk 34x18 Return  5323	5323-31	291.90	Shipped KD 1 per Ctn. 168 lbs.	48x26 Desk 34x18 Return  5325	5325-31	291.90	Shipped KD 1 per Ctn. 174 lbs.
	5323-21				5325-21		
	5323-30	333.90			5325-30	333.90	
	5323-20				5325-20		
48x26 Desk 40x18 Return  5422	5422-31	298.20	Shipped KD 1 per Ctn. 174 lbs.	60x30 Desk  5160	5160-31	441.00	Shipped KD 1 per Ctn. 224 lbs.
	5422-21				5160-21		
	5422-30	340.20			5160-30	478.80	
	5422-20				5160-20		
48x26 Desk 40x18 Return  5423	5423-31	298.20	Shipped KD 1 per Ctn. 174 lbs.	60x30 Desk  5161	5161-31	441.00	Shipped KD 1 per Ctn. 224 lbs.
	5423-21				5161-21		
	5423-30	340.20			5161-30	478.80	
	5423-20				5161-20		

5000 SERIES PRICING SCHEDULE

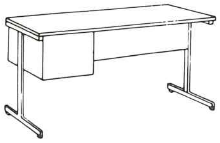
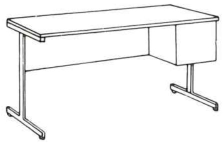
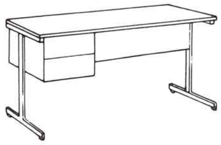
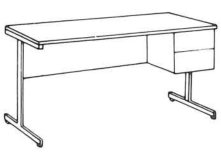
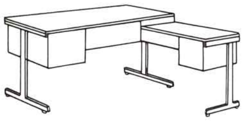
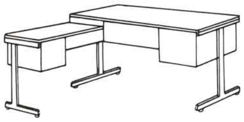
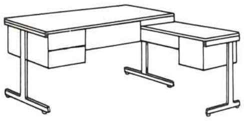
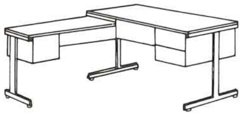
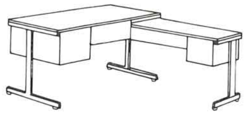
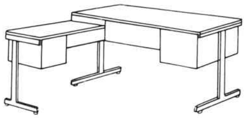
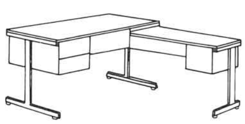
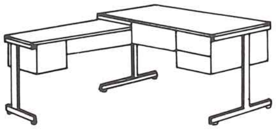
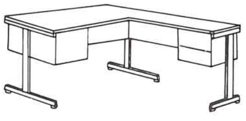
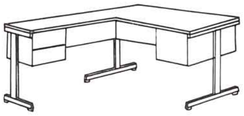
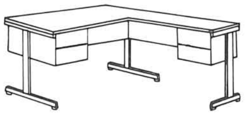
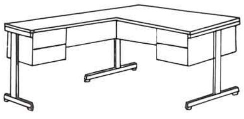
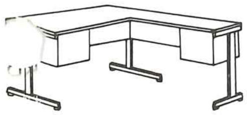
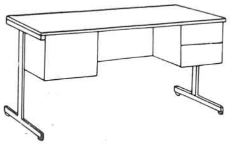
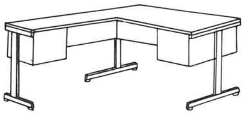
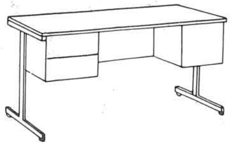
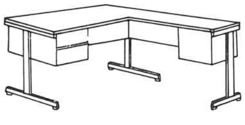
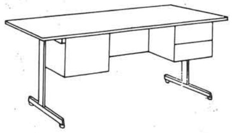
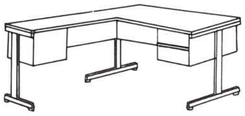
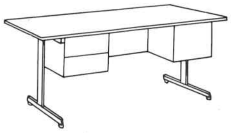
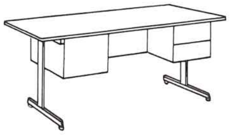
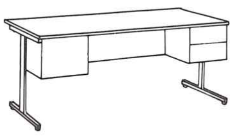
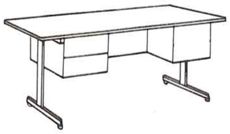
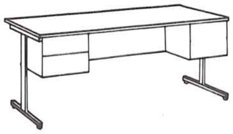
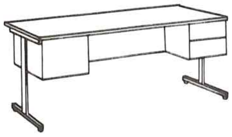
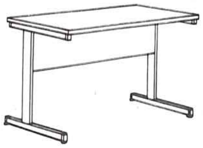
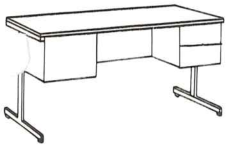
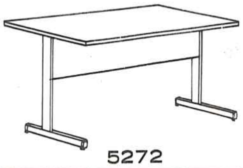
ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA
60x30 Desk  5162	5162-31	333.90	Shipped KD 1 per Ctn. 165 lbs.
	5162-21		
	5162-30	371.70	
	5162-20		
60x30 Desk  5163	5163-31	333.90	Shipped KD 1 per Ctn. 165 lbs.
	5163-21		
	5163-30	371.70	
	5163-20		
60x30 Desk  5164	5164-31	358.10	Shipped KD 1 per Ctn. 170 lbs.
	5164-21		
	5164-30	396.90	
	5164-20		
60x30 Desk  5165	5165-31	358.10	Shipped KD 1 per Ctn. 170 lbs.
	5165-21		
	5165-30	396.90	
	5165-20		
60x30 Desk 34x18 Return  5350	5350-31	453.60	Shipped KD 1 per Ctn. 256 lbs.
	5350-21		
	5350-30	504.00	
	5350-20		
60x30 Desk 34x18 Return  5351	5351-31	453.60	ShippedKD 1 per Ctn. 256 lbs.
	5351-21		
	5351-30	504.00	
	5351-20		
60x30 Desk 34x18 Return  5352	5352-31	478.80	Shipped KD 1 per Ctn. 260 lbs.
	5352-21		
	5352-30	529.20	
	5352-20		
60x30 Desk 34x18 Return  5353	5353-31	478.80	Shipped KD 1 per Ctn. 260 lbs.
	5353-21		
	5353-30	529.20	
	5353-20		

ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA
60x30 Desk 40x18 Return  5458	5458-31	462.00	Shipped KD 1 per Ctn. 260 lbs.
	5458-21		
	5458-30	512.40	
	5458-20		
60x30 Desk 40x18 Return  5459	5459-31	462.00	Shipped KD 1 per Ctn. 260 lbs.
	5459-21		
	5459-30	512.40	
	5459-20		
60x30 Desk 40x18 Return  5460	5460-31	487.20	Shipped KD 1 per Ctn. 265 lbs.
	5460-21		
	5460-30	537.60	
	5460-20		
60x30 Desk 40x18 Return  5461	5461-31	487.20	Shipped KD 1 per Ctn. 265 lbs.
	5461-21		
	5461-30	537.60	
	5461-20		
60x30 Desk 40x18 Return  5454	5454-31	529.20	Shipped KD 1 per Ctn. 269 lbs.
	5454-21		
	5454-30	579.60	
	5454-20		
60x30 Desk 40x18 Return  5455	5455-31	529.20	Shipped KD 1 per Ctn. 269 lbs.
	5455-21		
	5455-30	579.60	
	5455-20		
60x30 Desk 40x18 Return  5456	5456-31	571.20	Shipped KD 1 per Ctn. 274 lbs.
	5456-21		
	5456-30	621.60	
	5456-20		
60x30 Desk 40x18 Return  5457	5457-31	571.20	Shipped KD 1 per Ctn. 274 lbs.
	5457-21		
	5457-30	621.60	
	5457-20		

5000 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA	ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA
60x30 Desk 40x18 Return  5450	5450-31	504.00	ShippedKD 1 per Ctn. 265 lbs.	60x30 Short Pedestal Desk  5260	5260-31	387.50	Shipped SU 1 per Ctn. 188 lbs.
	5450-21				5260-21		
	5450-30	554.40			5260-30	425.30	
	5450-20				5260-20		
60x30 Desk 40x18 Return  5451	5451-31	504.00	ShippedKD 1 per Ctn. 265 lbs.	60x30 Short Pedestal Desk  5261	5261-31	387.50	Shipped SU 1 per Ctn. 188 lbs.
	5451-21				5261-21		
	5451-30	554.40			5261-30	425.30	
	5451-20				5261-20		
60x30 Desk 40x18 Return  5452	5452-31	546.00	ShippedKD 1 per Ctn. 270 lbs.	72x36 Overhang Top Short Pedestal Desk  5270	5270-31	420.00	Shipped SU 1 per Ctn. 217 lbs.
	5452-21				5270-21		
	5452-30	596.40			5270-30	457.80	
	5452-20				5270-20		
60x30 Desk 40x18 Return  5453	5453-31	546.00	ShippedKD 1 per Ctn. 270 lbs.	72x36 Overhang Top Short Pedestal Desk  5271	5271-31	420.00	Shipped SU 1 per Ctn. 217 lbs.
	5453-21				5271-21		
	5453-30	596.40			5271-30	457.80	
	5453-20				5271-20		
72x36 Desk  5170	5170-31	470.40	ShippedKD 1 per Ctn. 253 lbs.	72x36 Flush Top Short Pedestal Desk  5280	5280-31	426.30	Shipped SU 1 per Ctn. 220 lbs.
	5170-21				5280-32		
	5170-30	508.20			5280-30	464.10	
	5170-20				5280-20		
72x36 Desk  5171	5171-31	470.40	ShippedKD 1 per Ctn. 253 lbs.	72x36 Flush Top Short Pedestal Desk  5281	5281-31	426.30	Shipped SU 1 per Ctn. 220 lbs.
	5171-21				5281-21		
	5171-30	508.20			5281-30	464.10	
	5171-20				5281-20		
72x36 Desk  5180	5180-31	478.80	ShippedKD 1 per Ctn. 257 lbs.	60x30 Table Desk  5262	5262-31	178.50	Shipped KD Flat 1 per Ctn. 108 lbs.
	5180-21				5262-21		
	5180-30	516.60			5262-30	216.30	
	5180-20				5262-20		
72x36 Desk  5181	5181-31	478.80	Shipped KD 1 per Ctn. 257 lbs.	72x36 Overhang Top Table Desk  5272	5272-31	214.20	Shipped KD Flat 1 per Ctn. 134 lbs.
	5181-21				5272-21		
	5181-30	516.60			5272-30	252.00	
	5181-20				5272-20		

5000 SERIES PRICING SCHEDULE

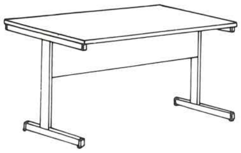
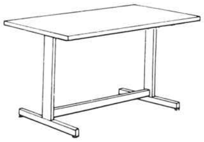
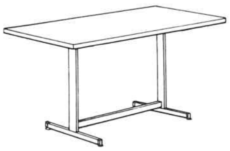
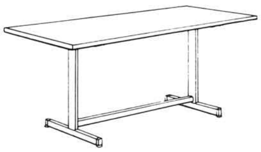
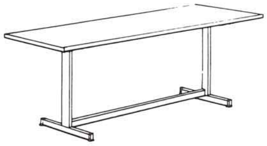
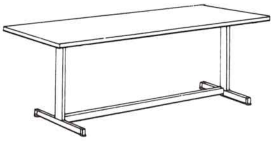
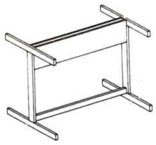
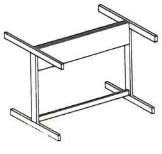
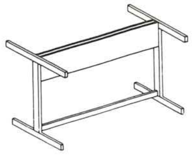
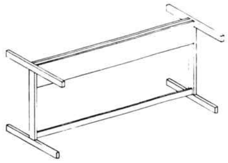
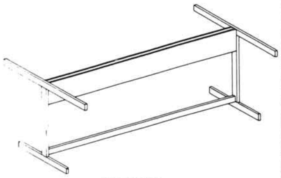
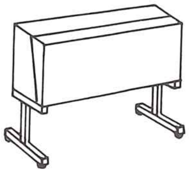
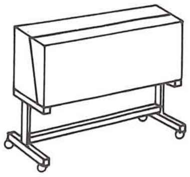
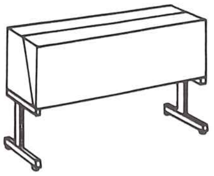
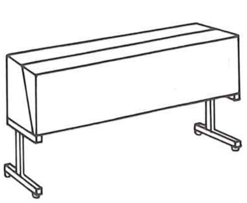
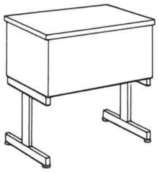
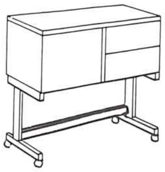
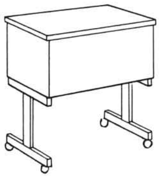
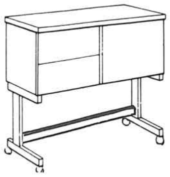
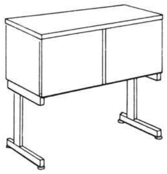
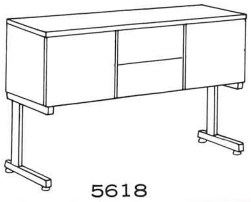
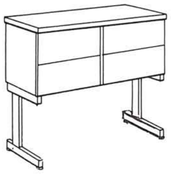
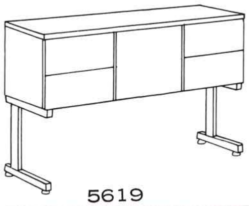
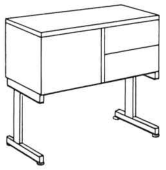
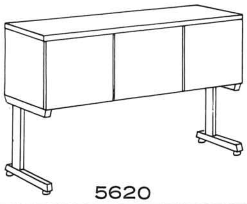
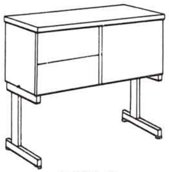
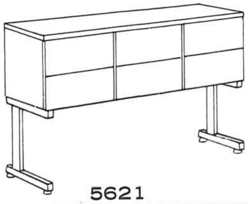
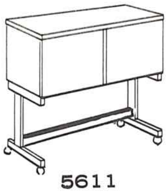
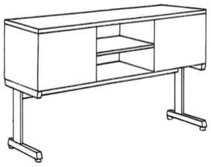
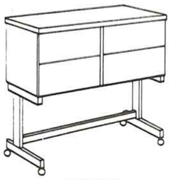
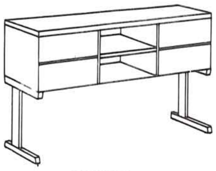
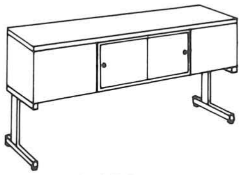
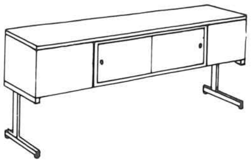
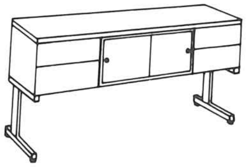
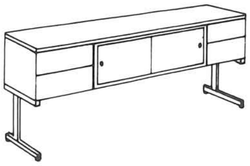
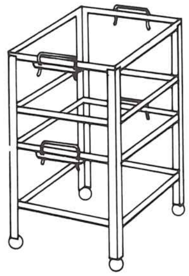
ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA
72x36 Flush Top Table Desk  5282	5282-31	219.50	Shipped KD Flat 1 per Ctn. 137 lbs.
	5282-21		
	5282-30	257.30	
	5282-20		
48x26 Conference Table  5748	5748-31	130.20	Shipped KD Flat 1 per Ctn. 94 lbs.
	5748-21		
	5748-30	172.20	
	5748-20		
0x30 Conference Table  5760	5760-31	147.00	Shipped KD Flat 1 per Ctn. 115 lbs.
	5760-21		
	5760-30	189.00	
	5760-20		
2x30 Conference Table  5772	5772-31	168.00	Shipped KD Flat 1 per Ctn. 130 lbs.
	5772-21		
	5772-30	210.00	
	5772-20		
4x42 Conference Table  5784	5784-31	231.00	Shipped KD Flat 1 per Ctn. 187 lbs.
	5784-21		
	5784-30	281.40	
	5784-20		
96x42 Conference Table  5796	5796-31	273.00	Shipped KD Flat 1 per Ctn. 224 lbs.
	5796-21		
	5796-30	323.40	
	5796-20		
48x26 Table Frame  5708	5708-31	105.00	Shipped KD 1 per Ctn. 52 lbs.
	5708-21		
	5708-30	147.00	
	5708-20		
60x30 Table Frame  5700	5700-31	111.30	Shipped KD 1 per Ctn. 56 lbs.
	5700-21		
	5700-30	153.30	
	5700-20		

ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA
72x30 Table Frame  5702	5702-31	121.80	Shipped KD 1 per Ctn. 58 lbs.
	5702-21		
	5702-30	163.80	
	5702-20		
84x42 Table Frame  5704	5704-31	161.70	Shipped KD 1 per Ctn. 83 lbs.
	5704-21		
	5704-30	212.10	
	5704-20		
96x42 Table Frame  5706	5706-31	191.10	Shipped KD 1 per Ctn. 99 lbs.
	5706-21		
	5706-30	241.50	
	5706-20		
32x15  5632 6032 Cork Board for 5632 Cabinet $12.60	5632-31	241.50	Shipped KD 1 per Ctn. 81 lbs.
	5632-21		
	5632-30	273.00	
	5632-20		
32x15  5633 6032 Cork Board for 5633 Cabinet $12.60	5633-31	262.50	Shipped KD 1 per Ctn. 85 lbs.
	5633-21		
	5633-30	294.00	
	5633-20		
48x15  5648 6048 Cork Board for 5648 Cabinet $16.80	5648-31	294.00	Shipped KD 1 per Ctn. 108 lbs.
	5648-21		
	5648-30	325.50	
	5648-20		
 6060 Cork Board for 5660 Cabinet $21.00	5660-31	346.50	Shipped KD 1 per Ctn. 131 lbs.
	5660-21		
	5660-30	378.00	
	5660-20		

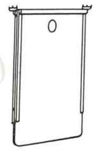
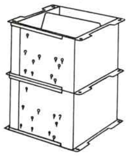
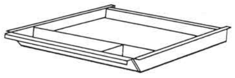
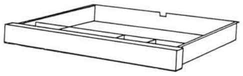
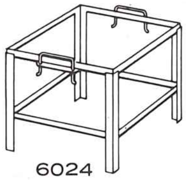
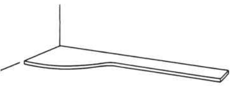
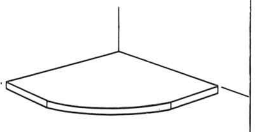
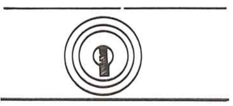
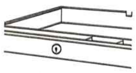
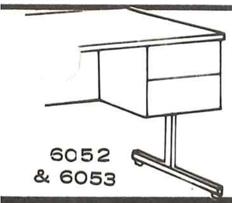
5000 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA	ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA
29x20 Tub File  5650	5650-31	199.50	Shipped KD 1 per Ctn. 99 lbs.	32x18  5615	5615-31	363.30	Shipped KD 1 per Ctn. 136 lbs.
	5650-21				5615-21		
	5650-30	231.00			5615-30	394.80	
	5650-20				5615-20		
29x20 Tub File  5651	5651-31	210.00	Shipped KD 1 per Ctn. 103 lbs.	32x18  5617	5617-31	363.30	Shipped KD 1 per Ctn. 136 lbs.
	5651-21				5617-21		
	5651-30	241.50			5617-30	394.80	
	5651-20				5617-20		
32x18  5610	5610-31	325.50	Shipped KD 1 per Ctn. 128 lbs.	48x18  5618	5618-31	441.00	Shipped KD 1 per Ctn. 184 lbs.
	5610-21				5618-21		
	5610-30	357.00			5618-30	472.50	
	5610-20				5618-20		
32x18  5612	5612-31	378.00	Shipped KD 1 per Ctn. 136 lbs.	48x18  5619	5619-31	483.00	Shipped KD 1 per Ctn. 188 lbs.
	5612-21				5619-21		
	5612-30	409.50			5619-30	514.50	
	5612-20				5619-20		
32x18  5614	5614-31	352.80	Shipped KD 1 per Ctn. 132 lbs.	48x18  5620	5620-31	430.50	Shipped KD 1 per Ctn. 180 lbs.
	5614-21				5620-21		
	5614-30	384.30			5620-30	462.00	
	5614-20				5620-20		
32x18  5616	5616-31	352.80	Shipped KD 1 per Ctn. 132 lbs.	48x18  5621	5621-31	504.00	Shipped KD 1 per Ctn. 192 lbs.
	5616-21				5621-21		
	5616-30	384.30			5621-30	535.50	
	5616-20				5621-20		
32x18  5611	5611-31	336.00	Shipped KD 1 per Ctn. 132 lbs.	48x18  5622	5622-31	420.00	Shipped KD 1 per Ctn. 173 lbs.
	5611-21				5622-21		
	5611-30	367.50			5622-30	451.50	
	5611-20				5622-20		
32x18  5613	5613-31	388.50	Shipped KD 1 per Ctn. 140 lbs.	48x18  5623	5623-31	451.50	Shipped KD 1 per Ctn. 181 lbs.
	5613-21				5623-21		
	5613-30	420.00			5623-30	483.00	
	5613-20				5623-20		

5000 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA	ILLUSTRATION	MODEL	SUGGESTED LIST PRICE	SHIPPING DATA
60x18  5626	5626-31	462.00	Shipped KD 1 per Ctn. 204 lbs.	72x18  5628	5628-31	483.00	Shipped KD 1 per Ctn. 231 lbs.
	5626-21				5628-21		
	5626-30	499.80			5628-30	520.80	
	5626-20				5628-20		
60x18  5627	5627-31	514.50	Shipped KD 1 per Ctn. 212 lbs.	72x18  5629	5629-31	535.50	Shipped KD 1 per Ctn. 239 lbs.
	5627-21				5629-21		
	5627-30	552.30			5629-30	573.30	
	5627-20				5629-20		
 6024-DSC	6024-DSC	42.00	Shipped KD 1 per Ctn. 19 lbs.				

5000 SERIES PRICING SCHEDULE

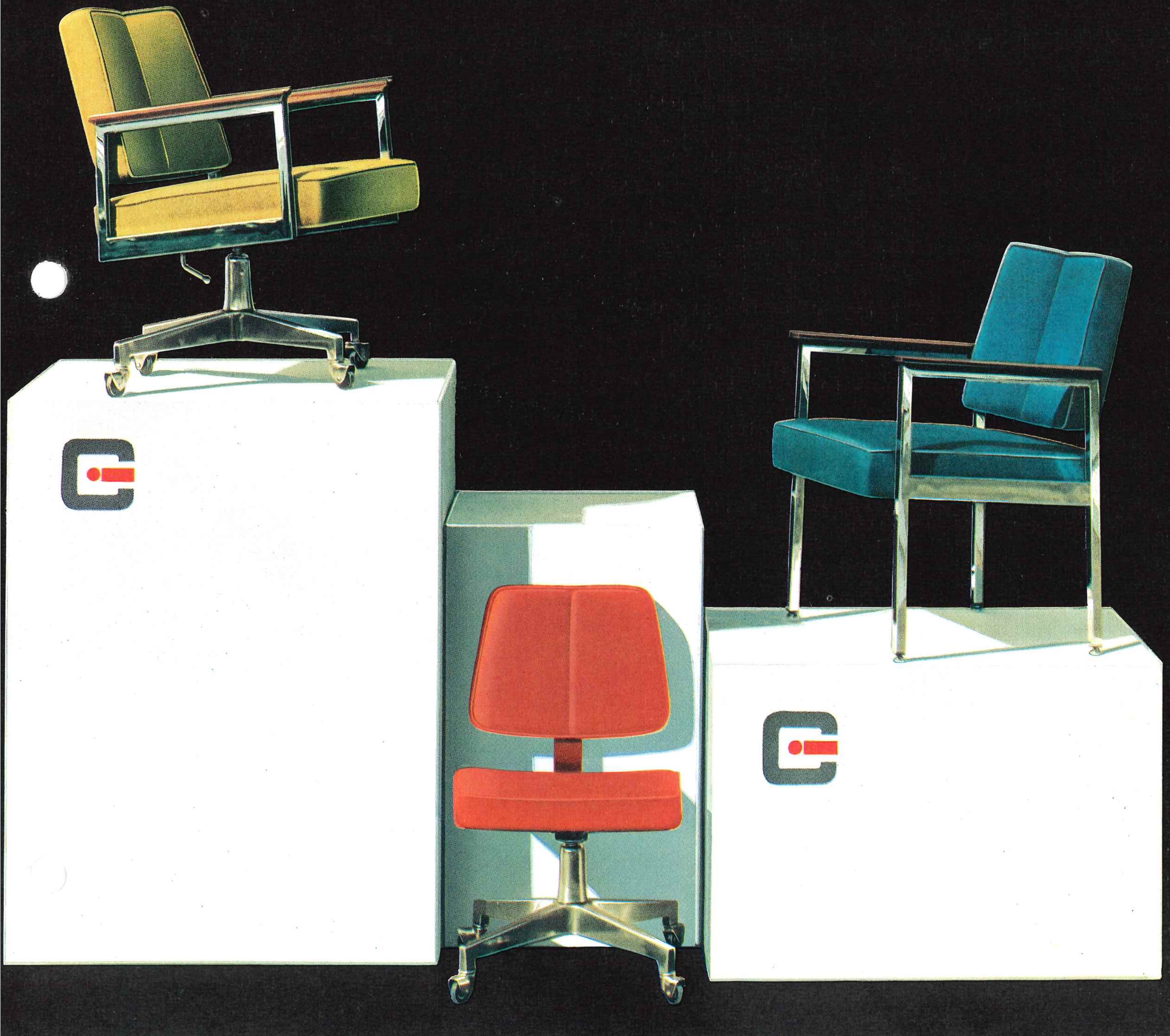
ILLUSTRATION	DESCRIPTION	SUGGESTED LIST PRICE	SHIPPING DATA
 6001	File Hanger/Divider for Lateral Storage Cabinet. 2 dividers required for 1 file. 3 dividers required for 2 files. 4 dividers required for 3 files.	Shipped with Desk: **$4.20** per divider.	¾ lb.
		Shipped Separately: **$6.30** per divider.	1 lb.
 6021	Card File Box, Stack of 2 for Lateral Storage Cabinet.	Stack of 2 boxes Shipped with Desk: **$31.50**	5½ lbs.
		Stack of 2 boxes Shipped Separately: **$46.20**	6½ lbs.
		Single box Shipped Separately: **$23.10**	3½ lbs.
 6022	6022 Small Tray Drawer 11⅝Wx12Dx1⅛H Available on all desks and 42W conference tables	Shipped with Desk: **$8.40**	3½ lbs.
		Shipped Separately: **$12.60**	4 lbs.
 6023 & 6025	Convenience Drawers 6023 Medium Size 17¼Wx14¼Dx2H Available on all desks with or without returns	Shipped with Desk: **$35.70** Shipped Separately: **$52.50**	7 lbs. 8½ lbs.
	6025 Large Size 24Wx16Dx2H Available on all 60x30 and 72x36 desks without returns	Shipped with Desk: **$46.20** Shipped Separately: **$63.00**	9 lbs. 10½ lbs.
 6024	Extra Tub File Storage Rack 2 racks furnished standard with each Tub File.	Extra Rack Shipped Separately: **$22.10**	8 lbs.
 6034	Secretarial Shelf available on Models 5320 and 5321 Desks.	Shipped with Desk: **$21.00**	7 lbs.
		Shipped Separately: **$31.50**	8½ lbs.
 6035	Desk Shelf Available on all Models with returns.	Shipped with Desk: **$4.20**	4 lbs.
		Shipped Separately: **$6.30**	5 lbs.
 6050	Push Button Lock for Lateral Storage Cabinet in Top. 2 Keys Furnished	Installed on Desk: **$4.20**	NOTE: Be sure to specify on order when locks are to be keyed the same.
 6051 & 6026	Lock only for convenience drawer. 2 Keys Furnished 6051 Lock on Medium Size 6023 Drawer 6026 Lock on Large Size 6025 Drawer	Installed on Desk: **$8.40**	
 6052 & 6053	6052 File Drawer Pedestal Lock 6053 Box Drawer Pedestal Lock 2 Keys Furnished Also available on return and credenza end cabinets	Installed on Desk **$12.60** per Pedestal	

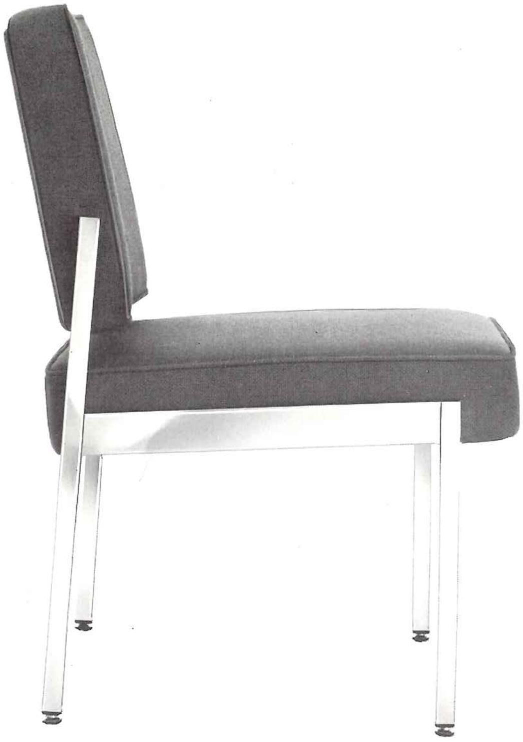
CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

1900

1900

1900 SERIES
EXECUTIVE
SEATING





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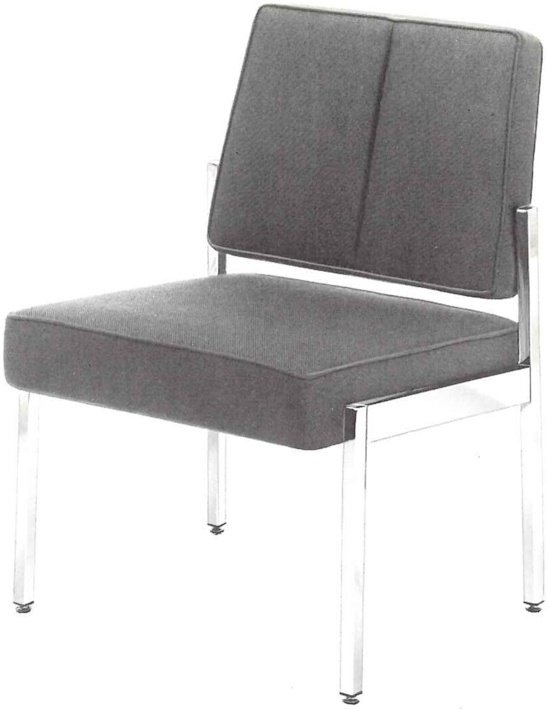
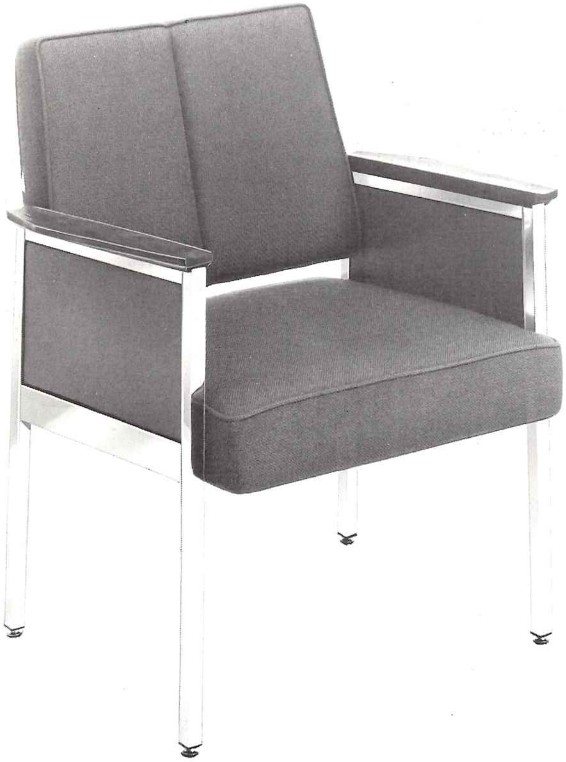
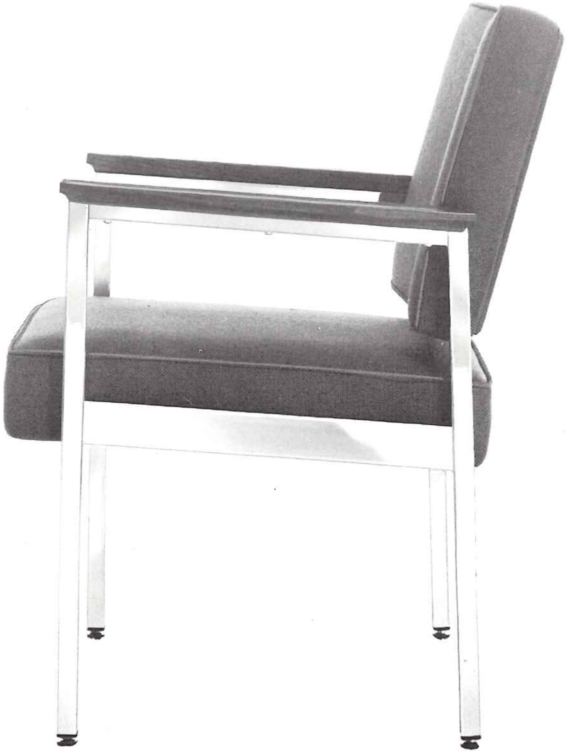


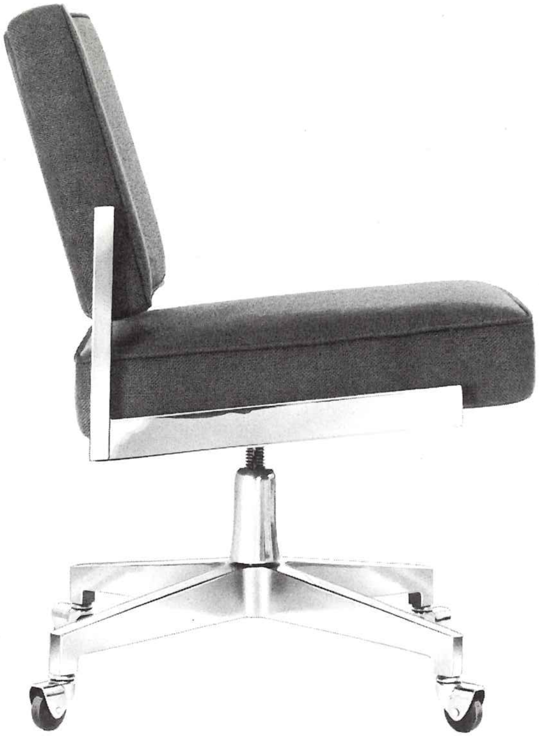
1920



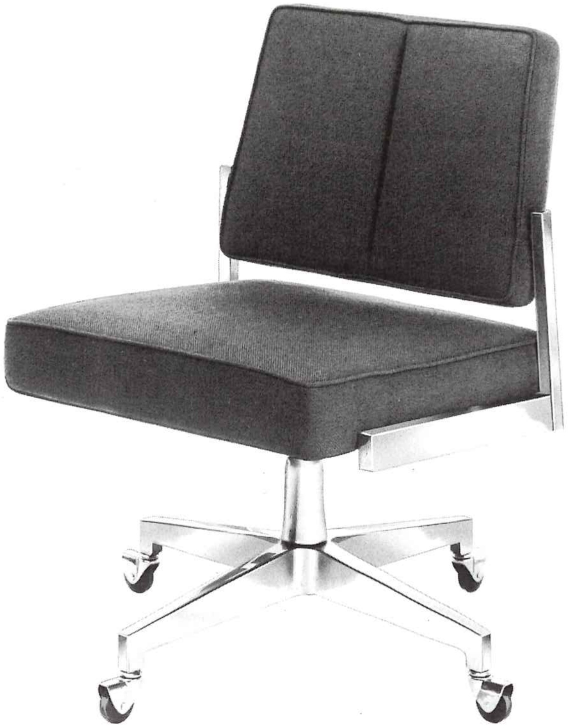
1921-PA



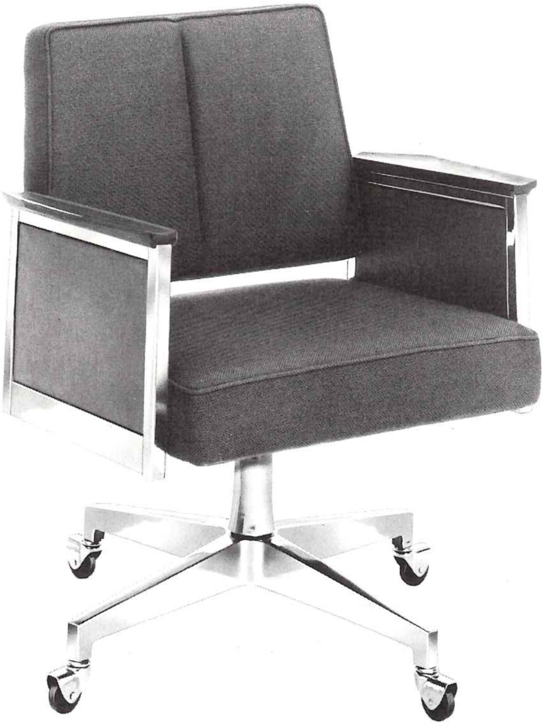
1921



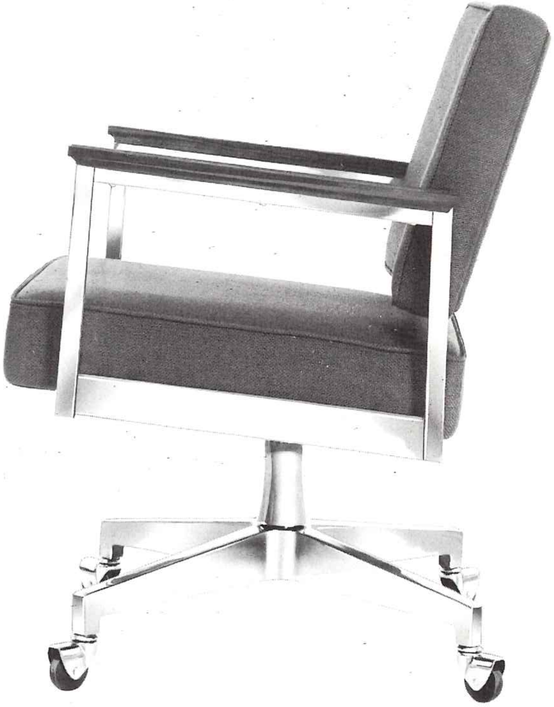
1922



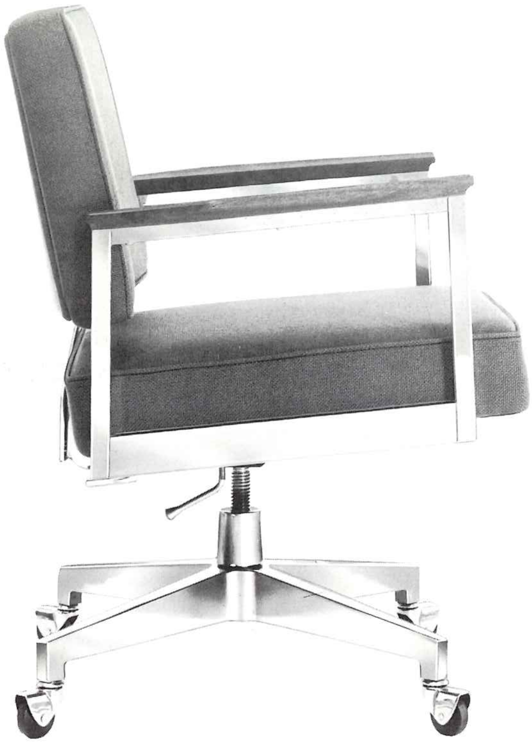
1922



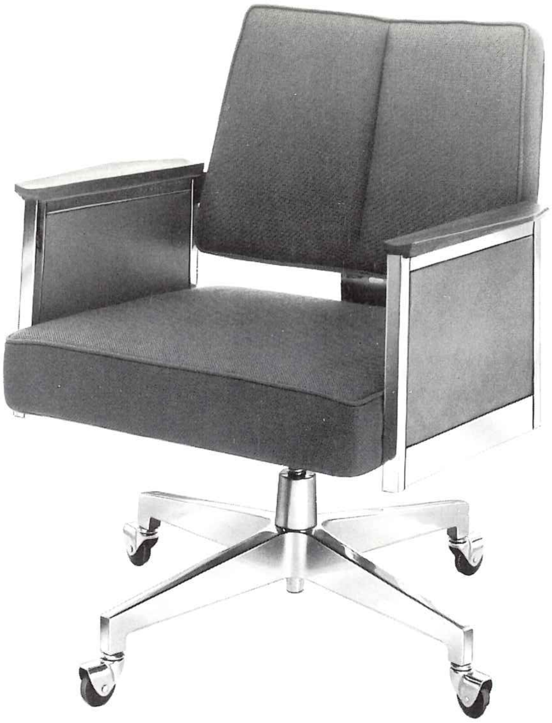
1923-PA



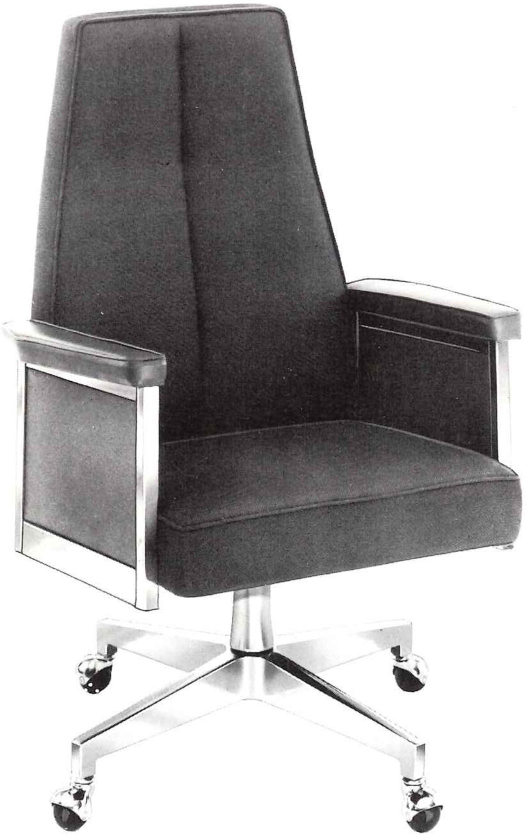
1923



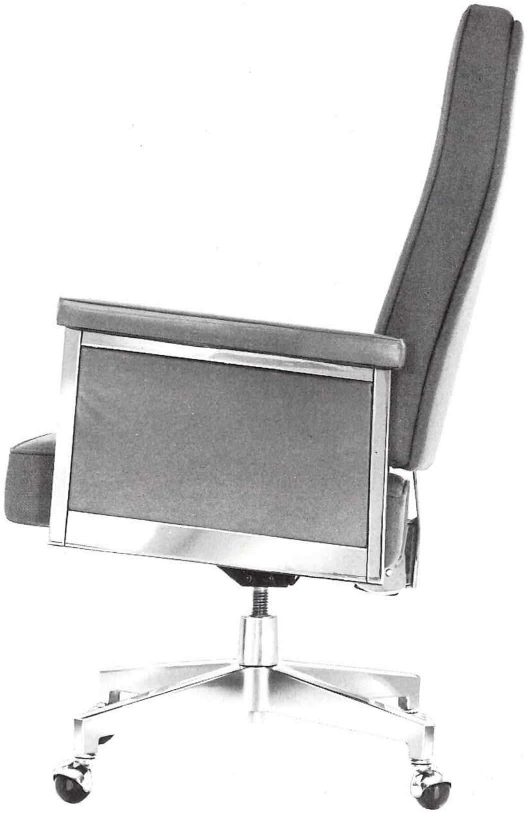
1953



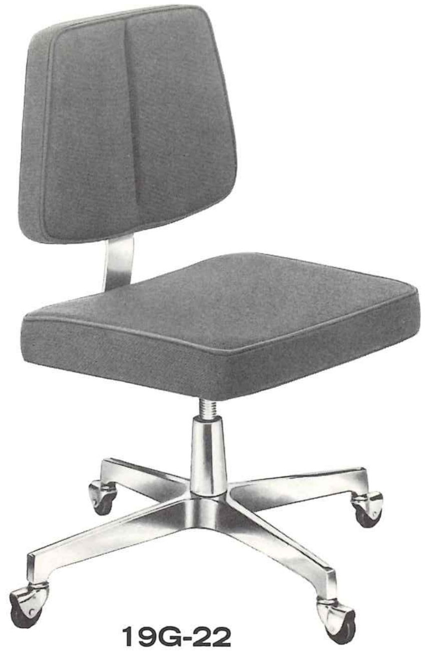
1953-PA



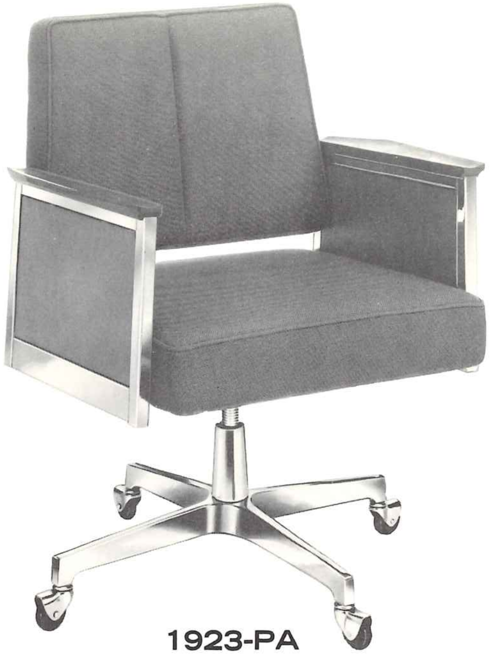
1973-PA



1983-PA



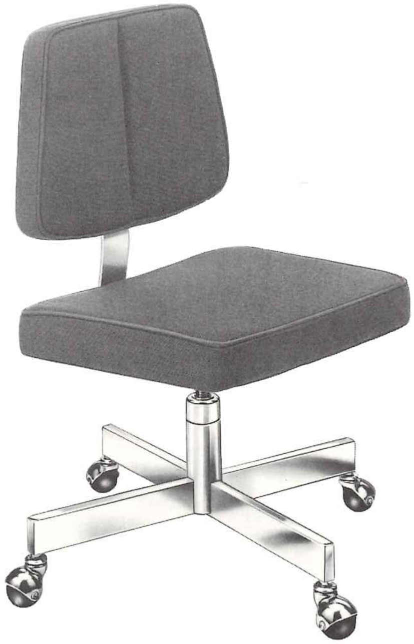
19G-22



1923-PA

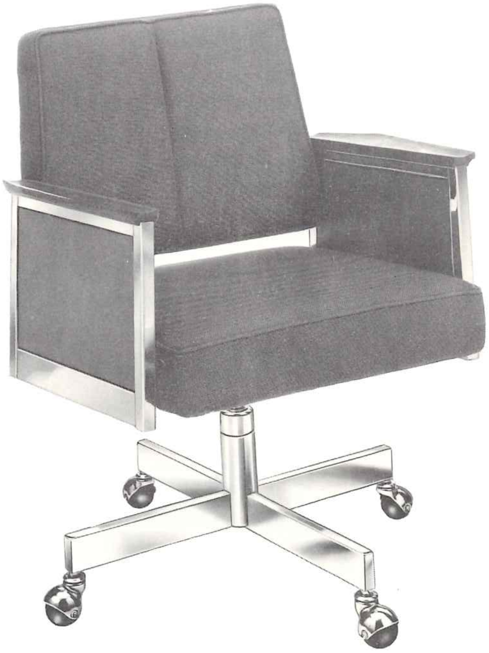
NOTE: All swivel chairs in the 1900 Series are now furnished **standard** with improved design cast aluminum bases as illustrated above, in lieu of cast aluminum bases shown on 1900 Series catalog pages.

Optionally available are steel blade type bases and ball type casters at extra charge as shown below. When ordering blade type bases and/or ball type casters, specify Blade Base and 1-1769 Ball Casters following the model number. Example: 1923-PA w/Blade Base & 1-1769 Ball Casters. When ball casters are not specified on your order, standard casters as illustrated above will be furnished.



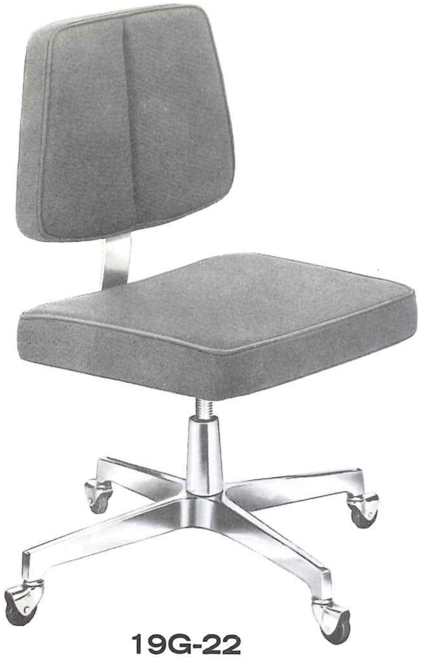
19G-22 w/Blade Base & 1-1769 Ball Casters

Extra Cost:
Blade Base, Add $7.00 List Price
1-1769 Ball Casters, Add $8.00 List Price

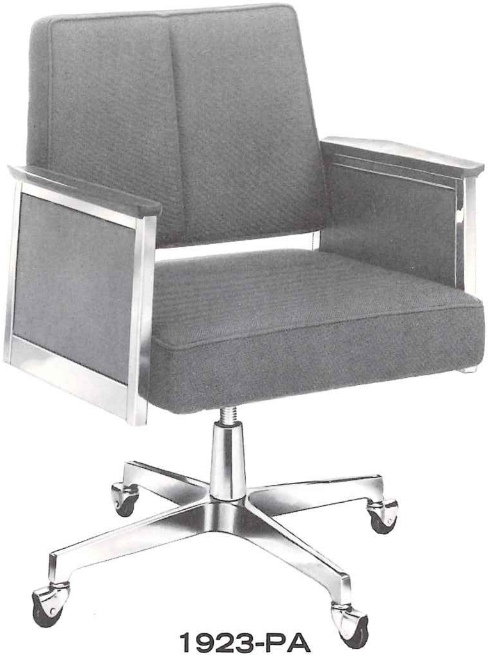


1923-PA w/Blade Base & 1-1769 Ball Casters

Extra Cost:
Blade Base, Add $7.00 List Price
1-1769 Ball Casters, Add $8.00 List Price



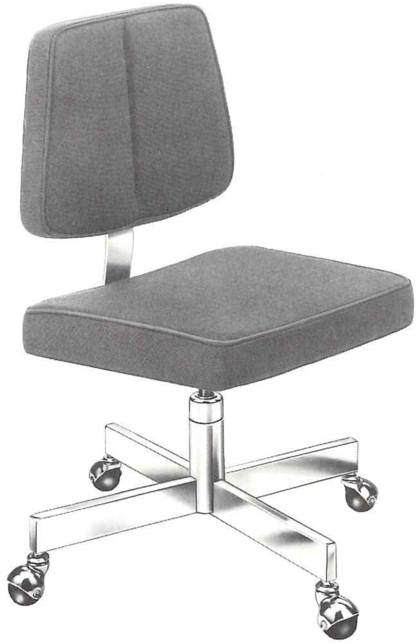
19G-22



1923-PA

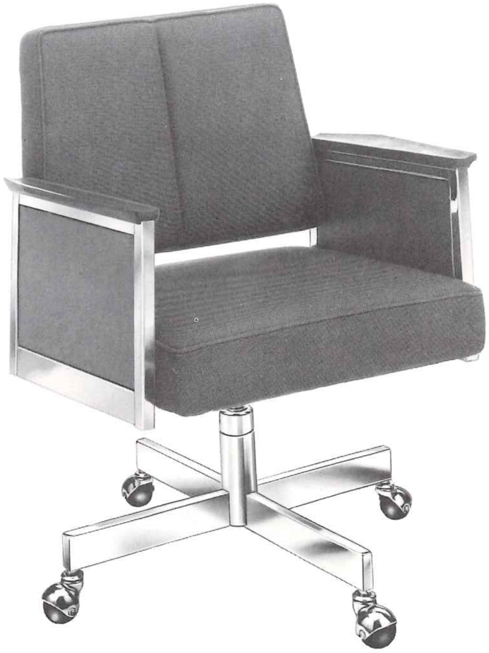
NOTE: All swivel chairs in the 1900 Series are now furnished **standard** with improved design cast aluminum bases as illustrated above, in lieu of cast aluminum bases shown on 1900 Series catalog pages.

Optionally available are steel blade type bases and ball type casters at extra charge as shown below. When ordering blade type bases and/or ball type casters, specify Blade Base and 1-1769 Ball Casters following the model number. Example: 1923-PA w/Blade Base & 1-1769 Ball Casters. When ball casters are not specified on your order, standard casters as illustrated above will be furnished.



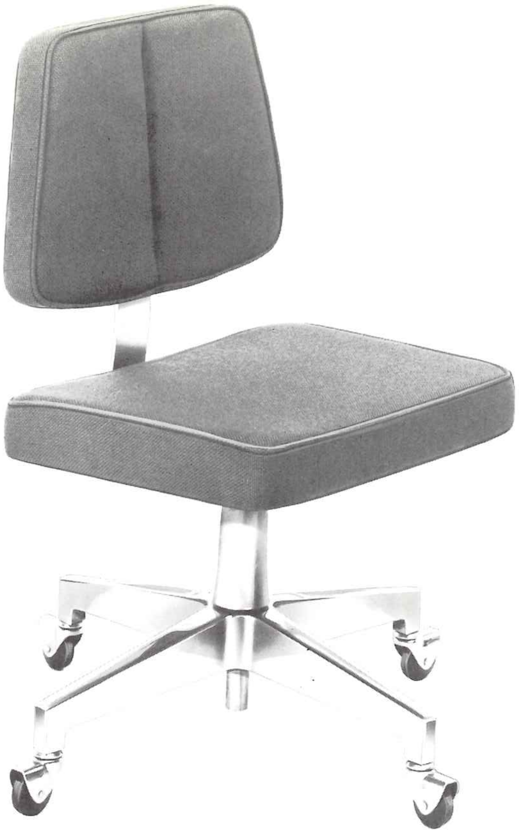
19G-22 w/Blade Base & 1-1769 Ball Casters

Extra Cost:
Blade Base, Add $7.00 List Price
1-1769 Ball Casters, Add $8.00 List Price

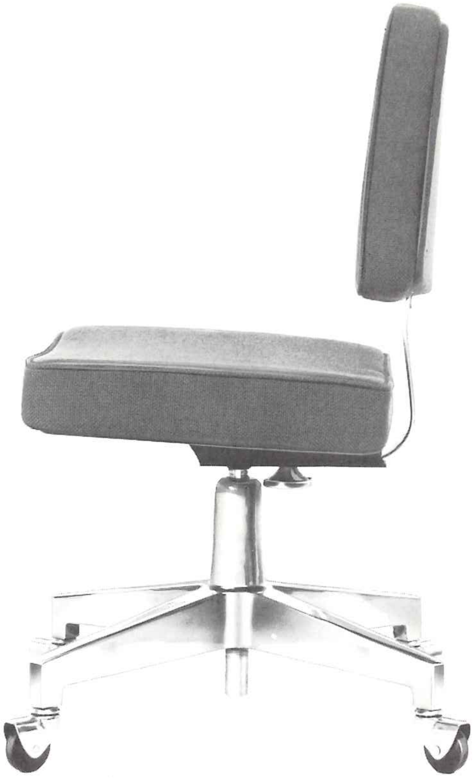


1923-PA w/Blade Base & 1-1769 Ball Casters

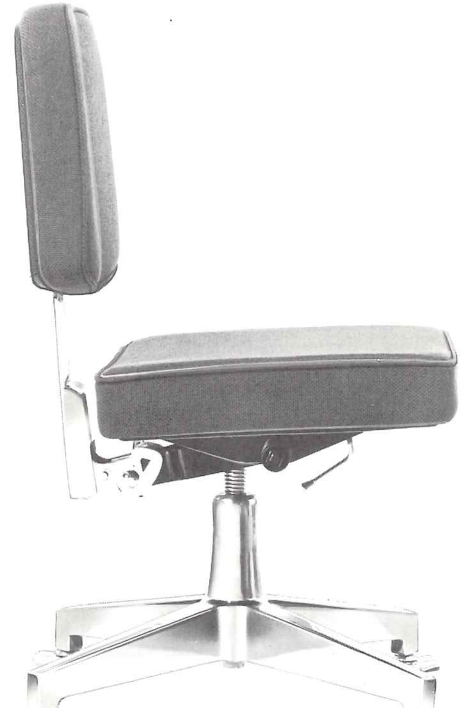
Extra Cost:
Blade Base, Add $7.00 List Price
1-1769 Ball Casters, Add $8.00 List Price



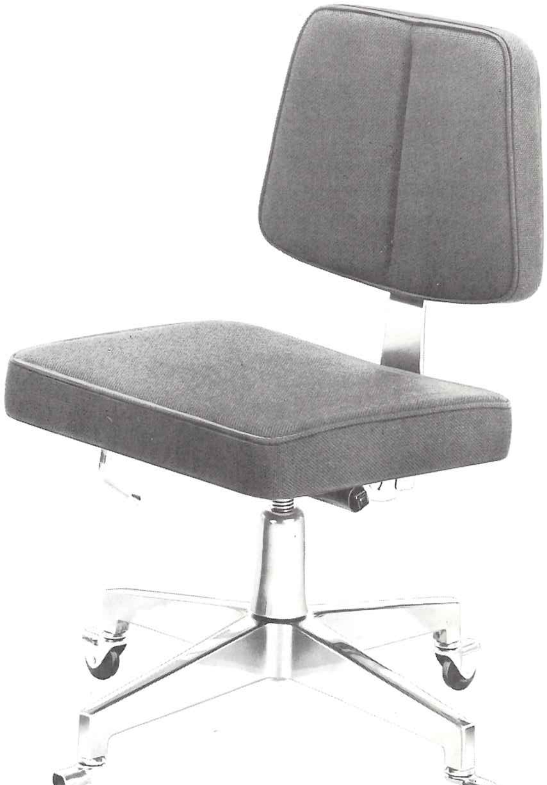
19G-22



19G-22

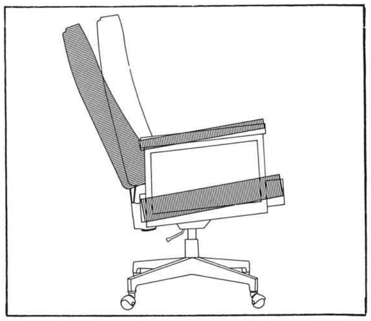


19G-22-O

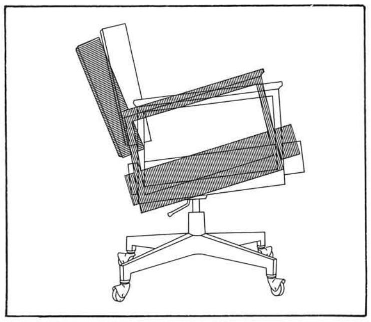


19G-22-O

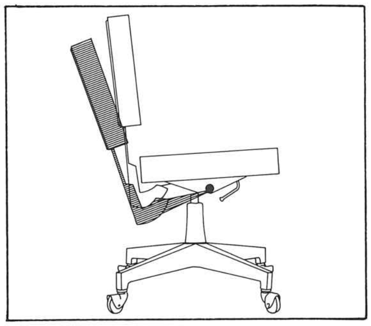
1900 SERIES SPECIFICATIONS



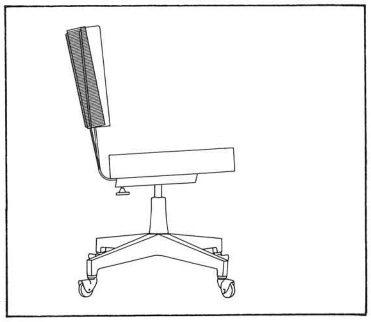
COMPENSATING ORTHO-TILT MECHANISM tilts the seat automatically as the back reclines in a balanced action on double-acting adjustable torsion bars, completely coordinated with the user's movements. Slight rise of seat in front reduces under-leg pressure. Models 1983-PA, 1953-PA and 1953.



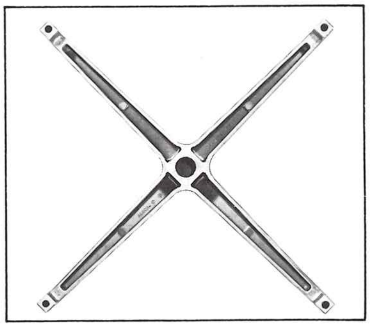
UNI-TILT MECHANISM tilts the seat and back together on a single acting torsion bar, providing adjustable tension control and effortless tilting action to anyone's weight.
Models 1922, 1923, 1923-PA and 1973-PA



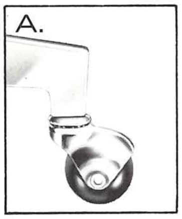
ORTHO-TILT MECHANISM tilts only the back on a single-acting torsion bar, providing tension adjustment to the user's weight and perfect posture at every degree of tilt.
Model 19G-22-O

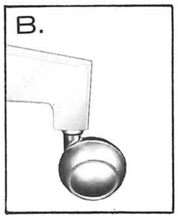


FLEX-BACK MECHANISM anchors the back rest and base assembly securely to the seat. Provides live, flex-action to the back and fast fore and aft back rest adjustment.
Model 19G-22



DIE-CAST ALUMINUM BASE is one-piece aluminum component into which steel caster sockets are integrally molded in the casting process. It has handsome design, ribbed construction super strength and noiseless operation. Delrin plastic insert provides oil-free swivel bearing action in hub.


A.


B.

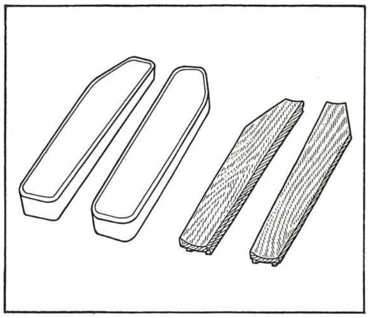
A. BALL-TYPE CASTERS have 2″ diameter soft tread ball wheels, swivel on ball-bearings, fully hooded, recommended on carpet. Standard on Models 1973-PA and 1983-PA. Optional on all others.

B. SPHERICAL-TYPE CASTERS have 2½″ diameter metal tread wheels, leave no drag or scuff marks on carpet. Delrin bearing never needs lubricant, functions effortlessly. Optional on all models.

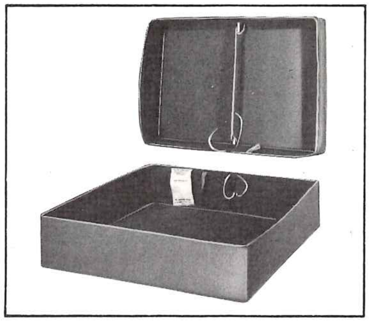
1900 SERIES SPECIFICATIONS

PADDED ARM RESTS are luxuriously foam cushioned and vinyl covered to match or blend with the chair upholstery.

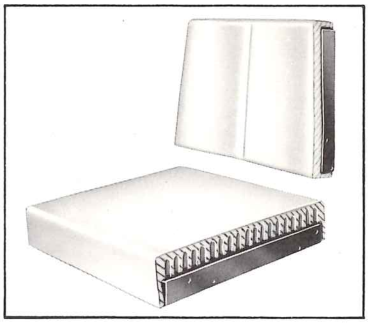
WALNUT ARM RESTS are oiled, hand rubbed, select and matched finish, genuine walnut. Slightly contoured to form a natural arm cradle.



REPLACEABLE COVERS. Seat, back and arm covers may be removed on the job for dry cleaning or low cost replacement by means of steel draw cables within the seat and back boxings. Each cover is part-numbered for proper identification.

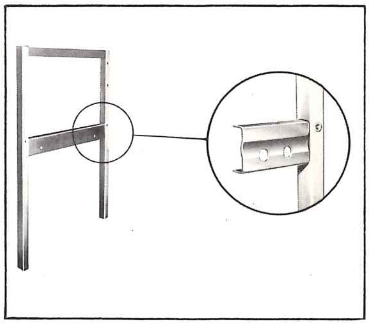


FOAM CUSHIONING. Luxurious comfort is provided with molded foam cushioning throughout. No springs or cotton waste materials used. Seat is full-depth molded virgin latex foam; back is molded polyurethane. Controlled density ensures bottomless comfort.



SEAT AND BACK COMPONENTS are fabricated of heavy gauge formed sheet steel and welded for super strength. Both seat and back pans are contoured and vented for maximum comfort. A formed sheet steel outer plate covered with matching upholstery finishes off the back rest. Inner back plate of 1973-PA and 1983-PA is contour-formed plywood.

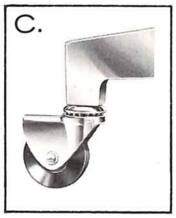
FRAME CONSTRUCTION. Heavy gauge tubular parts are first accurately machined and plated. At the juncture of each joint, steel channels are electric-welded to the vertical tubular parts in a manner requiring no grinding of the welds. The horizontal tubular parts are then pressed over the channels and securely welded into position in slots concealed underneath the tubing. The concealed, grind-free welds give super-strength, perfect plated joints and the copper-nickel type chrome or antique bronze plating make this fine construction truly superlative.



C. DESIGNER CASTERS have 2″ diameter specially designed taper wheels and metal housing matches base design. Heavy-duty ball-bearings give fine mobility on hard surface floor.

D. PIVOTAL GLIDES have 15/16″ diameter hardened steel plates noiselessly cushioned in live rubber. Special pivot collar makes glide rest flat, protecting floor. Bear-claw spring steel retainers anchor securely in chair leg.

C.



D.

1900 SERIES SPECIFICATIONS

MODEL No. AND REPLACEMENT COVERS	C.O.M.	OVERALL SIZE	FOAM THICKNESS		SEAT SIZE	BACK SIZE	SEAT HEIGHT	LEG SPREAD*	INSIDE ARM CLEARANCE†
			SEAT	BACK					
1920 Seat–P/N 3-2756 Back–P/N 5-981 Outer Back Cover: P/N 5-983	1 Chair 2½ yds. 2 or more 1½ yds. each chair	31½ H x 22½ W x 24½ D	4	1½	20½ W x 21 D x 4½ T	20½ W x 15 H x 3½ T	17	23¼ W x 18 D	
1921 Seat–P/N 3-2756 Back–P/N 5-981 Outer Back Cover: P/N 5-983	1 Chair 2½ yds. 2 or more 1½ yds. each chair.	31½ H x 25½ W x 24½ D	4	1½	20½ W x 21 D x 4½ T	20½ W x 15 H x 3½ T	17	23¼ W x 18 D	20¼
1921-PA Seat–P/N 3-2756 Back–P/N 5-981 Outer Back Cover P/N 5-983	1 Chair 3 yds. 2 or more 2 yds. each chair	31½ H x 25½ W x 24½ D	4	1½	20½ W x 21 D x 4½ T	20½ W x 15 H x 3½ T	17	23¼ W x 18 D	20¼
1922 Seat–P/N 3-2756 Back–P/N 5-981 Outer Back Cover: P/N 5-983	1 Chair 2½ yds. 2 or more 1½ yds. each chair	31½ H x 22½ W x 24½ D	4	1½	20½ W x 21 D x 4½ T	20½ W x 15 H x 3½ T	17½-21	25	
1923 Seat–P/N 3-2756 Back–P/N 5-981 Outer Back Cover P/N 5-983	1 Chair 2½ yds. 2 or more 1½ yds. each chair	31½ H x 25½ W x 24½ D	4	1½	20½ W x 21 D x 4½ T	20½ W x 15 H x 3½ T	17½-21	25	20¼
1923-PA Seat–P/N 3-2756 Back–P/N 5-981 Outer Back Cover: P/N 5-983	1 Chair 3 yds. 2 or more 2½ yds. each chair	31½ H x 25½ W x 24½ D	4	1½	20½ W x 21 D x 4½ T	20½ W x 15 H x 3½ T	17½-21	25	20¼
1953 Seat–P/N 3-2756 Back–P/N 5-981 Outer Back Cover P/N 5-983	1 Chair 2½ yds. 2 or more 1½ yds. each chair	31½ H x 26 W x 24½ D	4	1½	21 W x 21 D x 4½ T	20½ W x 15 H x 3½ T	17½-21	25	20¼
1953-PA Seat–P/N 3-2756 Back–P/N 5-981 Outer Back Cover: P/N 5-983	1 Chair 3 yds. 2 or more 2½ yds. each chair	31½ H x 26 W x 24½ D	4	1½	21 W x 21 D x 4½ T	20½ W x 15 H x 3½ T	17½-21	25	20¼
1973-PA Seat–P/N 3-2756 Back–P/N 5-1140 Outer Back Cover: P/N 5-1141	1 Chair 3 yds. 2 or more 2½ yds. each chair	40 H x 25½ W x 25 D	4	2¾	20½ W x 21 D x 4½ T	20½ W Bottom, 14 W Top x 25 H x 3½ T	17½-21	25	20¼
1983-PA Seat–P/N 3-2756 Back–P/N 5-1140 Outer Back Cover: P/N 5-1141	1 Chair 3 yds. 2 or more 2½ yds. each chair	40 H x 26 W x 25 D	4	2¾	21 W x 21 D x 4½ T	20½ W Bottom, 14 W Top x 25 H x 3½ T	17½-21	25	20¼
19G-22 Seat–P/N 3-2757 Back–P/N 5-984 Outer Back Cover: 5-985	1 Chair 2 yds. 2 or more 1 yd. each chair	30½ H x 18½ W x 18½ D	3	1¾	18½ W x 15 D x 3 T	16½ W x 12½ H x 3T	17½-21	22	
19G-22-0 Seat–P/N 3-2757 Back–P/N 5-984 Outer Back Cover 5-985	1 Chair 2 yds. 2 or more 1 yd. each chair	30½ H x 18½ W x 18½ D	3	1¾	18½ W x 15 D x 3 T	16½ W x 12½ H x 3T	17½-21	22	

*Measured diagonally center to center of caster or glide.
†Outside arm width same as overall width of chair, see third column.
All dimensions in inches taken at point of greatest width, depth and thickness.

1900 SERIES
EXECUTIVE
SEATING
PRICE LIST

ZONE 1 • NUMBER 3272

F.O.B. PLANT, KANSAS CITY, KANSAS

PRICES AND SPECIFICATIONS
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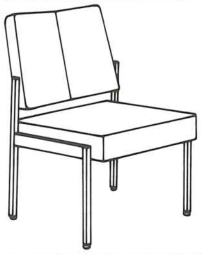
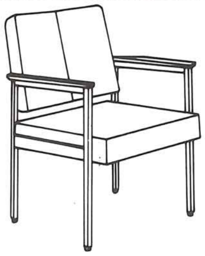
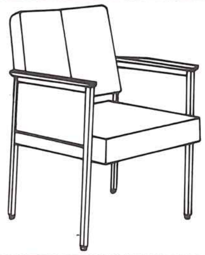
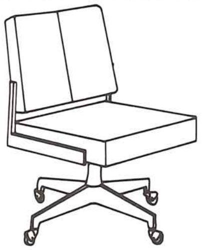
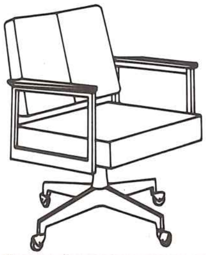
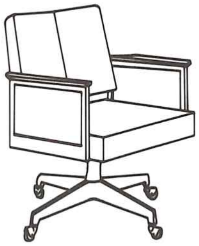
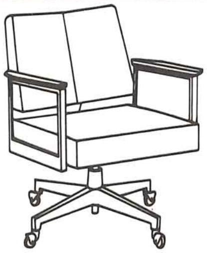
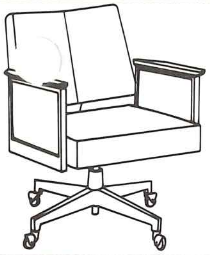
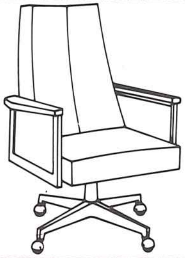
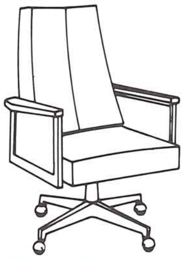
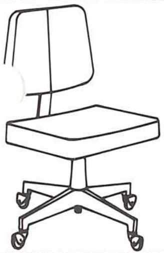
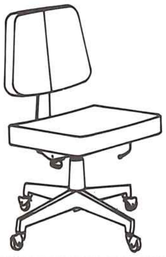
CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 · 621-6700

1900 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	FINISH	SUGGESTED LIST PRICE				SHIPPING DATA
					FABRIC GROUP				
					1	2	3	4	
	**1920** Side Chair	**OVERALL:** 31½ H x 22½ W x 24½ D **SEAT:** 20½ W x 21 D **BACK:** 20½ W x 15 H **SEAT HEIGHT:** 17	1 Chair 2½ yds. 2 or more 1½ yds. each chair	SATIN CHROME	138.60	143.90	152.30	159.60	Shipped SUS 1 per Ctn. 42 lbs.
				MIRROR CHROME	149.10	154.40	162.80	170.10	
				ANTIQUE BRONZE	182.70	188.00	196.40	203.70	
	**1921** Side Arm Chair Walnut Arm Rests	**OVERALL:** 31½ H x 25½ W x 24½ D **SEAT:** 20½ W x 21 D **BACK:** 20½ W x 15 H **SEAT HEIGHT:** 17	1 Chair 2½ yds. 2 or more 1½ yds. each chair	SATIN CHROME	162.80	168.00	176.40	183.80	Shipped SUS 1 per Ctn. 50 lbs.
				MIRROR CHROME	173.30	178.50	186.90	194.30	
				ANTIQUE BRONZE	206.90	212.10	220.50	227.90	
	**1921-PA** Side Arm Chair Panel Arms Walnut Arm Rests	**OVERALL:** 31½ H x 25½ W x 24½ D **SEAT:** 20½ W x 21 D **BACK:** 20½ W x 15 H **SEAT HEIGHT:** 17	1 Chair 3 yds. 2 or more 2 yds. each chair	SATIN CHROME	189.00	194.30	202.70	210.00	Shipped SUS 1 per Ctn. 54 lbs.
				MIRROR CHROME	199.50	204.80	213.20	220.50	
				ANTIQUE BRONZE	233.10	238.40	246.80	254.10	
	**1922** Swivel Chair Uni-Tilt Contemporary Casters	**OVERALL:** 31½ H x 22½ W x 24½ D **SEAT:** 20½ W x 21 D **BACK:** 20½ W x 15 H **SEAT HEIGHT:** 17½-21	1 Chair 2½ yds. 2 or more 1½ yds. each chair	SATIN CHROME	198.50	203.70	212.10	219.50	Shipped KDR 1 per Ctn. 58 lbs.
				MIRROR CHROME	219.50	224.70	233.10	240.50	
				ANTIQUE BRONZE	253.10	258.30	266.70	274.10	
	**1923** Swivel Arm Chair Uni-Tilt Walnut Arm Rests Contemporary Casters	**OVERALL:** 31½ H x 25½ W x 24½ D **SEAT:** 20½ W x 21 D **BACK:** 20½ W x 15 H **SEAT HEIGHT:** 17½-21	1 Chair 2½ yds. 2 or more 1½ yds. each chair	SATIN CHROME	218.40	223.70	232.10	239.40	Shipped KDR 1 per Ctn. 61 lbs.
				MIRROR CHROME	239.40	244.70	253.10	260.40	
				ANTIQUE BRONZE	273.00	278.30	286.70	294.00	
	**1923-PA** Swivel Arm Chair Uni-Tilt, Panel Arms, Walnut Arm Rests Contemporary Casters	**OVERALL:** 31½ H x 25½ W x 24½ D **SEAT:** 20½ W x 21 D **BACK:** 20½ W x 15 H **SEAT HEIGHT:** 17½-21	1 Chair 3 yds. 2 or more 2½ yds. each chair	SATIN CHROME	244.70	249.90	258.30	265.70	Shipped KDR 1 per Ctn. 65 lbs.
				MIRROR CHROME	265.70	270.90	279.30	286.70	
				ANTIQUE BRONZE	299.30	304.50	312.90	320.30	
	**1953** Swivel Arm Chair Compensating Ortho-Tilt Walnut Arm Rests Contemporary Casters	**OVERALL:** 31½ H x 26 W x 24½ D **SEAT:** 21 W x 21 D **BACK:** 20½ W x 15 H **SEAT HEIGHT:** 17½ x 21	1 Chair 2½ yds. 2 or more 1½ yds. each chair	SATIN CHROME	244.70	249.90	258.30	265.70	Shipped KDR 1 per Ctn. 69 lbs.
				MIRROR CHROME	275.10	280.40	288.80	296.10	
				ANTIQUE BRONZE	309.80	315.00	323.40	330.80	

1900 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	FINISH	SUGGESTED LIST PRICE				SHIPPING DATA
					FABRIC GROUP				
					1	2	3	4	
	**1953-PA** Swivel Arm Chair Compensating Ortho-Tilt Panel Arms, Walnut Arm Rests Contemporary Casters	**OVERALL:** 31½ H x 26 W x 24½ D **SEAT:** 21 W x 21 D **BACK:** 20½ W x 15 H **SEAT HEIGHT:** 17½-21	1 Chair 3 yds. 2 or more 2½ yds. each chair	SATIN CHROME	270.90	276.20	284.60	291.90	Shipped KDR 1 per Ctn. 73 lbs.
				MIRROR CHROME	301.40	306.60	315.00	322.40	
				ANTIQUE BRONZE	336.00	341.30	349.70	357.00	
	**1973-PA** Executive Swivel Arm Chair Uni-Tilt, Panel Arms Padded Arm Rests Ball-Type Carpet Casters	**OVERALL:** 40 H x 25½ W x 25 D **SEAT:** 20½ W x 21 D **BACK:** 20½ W BOTTOM, 14 W TOP; 25 H **SEAT HEIGHT:** 17½-21	1 Chair 3 yds. 2 or more 2½ yds. each chair	SATIN CHROME	332.90	338.10	346.50	353.90	Shipped SUR 1 per Ctn. 81 lbs.
				MIRROR CHROME	363.30	368.60	377.00	384.30	
				ANTIQUE BRONZE	398.00	403.20	411.60	419.00	
	**1983-PA** Executive Swivel Arm Chair Compensating Ortho-Tilt Panel Arms, Padded Arm Rests Ball-Type Carpet Casters	**OVERALL:** 40 H x 26 W x 25 D **SEAT:** 21 W x 21 D **BACK:** 20½ W BOTTOM, 14 W TOP; 25 H **SEAT HEIGHT:** 17½-21	1 Chair 3 yds. 2 or more 2½ yds. each chair	SATIN CHROME	367.50	372.80	381.20	388.50	Shipped SUR 1 per Ctn. 87 lbs.
				MIRROR CHROME	398.00	403.20	411.60	419.00	
				ANTIQUE BRONZE	432.60	437.90	446.30	453.60	
	**19G-22** Clerical Chair Flex Back Contemporary Casters	**OVERALL:** 30½ H x 18½ W x 18½ D **SEAT:** 18½ W x 14½ D **BACK:** 16½ W x 12½ D **SEAT HEIGHT:** 17½-21	1 Chair 2 yds. 2 or more 1 yd. each chair	SATIN CHROME	122.90	127.10	131.30	135.50	Shipped KDR 1 per Ctn. 37 lbs.
				MIRROR CHROME	141.80	146.00	150.20	154.40	
				ANTIQUE BRONZE	164.90	169.10	173.30	177.50	
	**19G-22-0** Clerical Chair Ortho-Tilt Contemporary Casters	**OVERALL:** 30½ H x 18½ W x 18½ D **SEAT:** 18½ W x 14½ D **BACK:** 16½ W x 12½ H **SEAT HEIGHT:** 17½-21	1 Chair 2 yds. 2 or more 1 yd. each chair	SATIN CHROME	150.20	154.40	158.60	162.80	Shipped KDR 1 per Ctn. 44 lbs.
				MIRROR CHROME	169.10	173.30	177.50	181.70	
				ANTIQUE BRONZE	192.20	196.40	200.60	204.80	

Optional casters available in lieu of those specified above:

Ball-type carpet casters, add $8.40, specify P/N 1-1769
Spherical carpet casters, add $11.60, specify P/N 1-1770

Padded arm rests and panel arms as specified above are standard in matching or blending vinyl. Optional cloth upholstery is also available: for cloth arm rests, add $8.40; for cloth panel arms, add $10.50. Walnut arm rests are interchangeable with padded arms at no extra charge; add suffix – 11 to model number (1973-PA-11 or 1983-PA-11).

Padded arm rests in lieu of walnut arms are optionally available in vinyl or cloth: for vinyl arm rests, add suffix -10 to model number, add $15.80; for cloth arm rests, add suffix-10 to model number, add $24.20. Specify upholstery type on order.

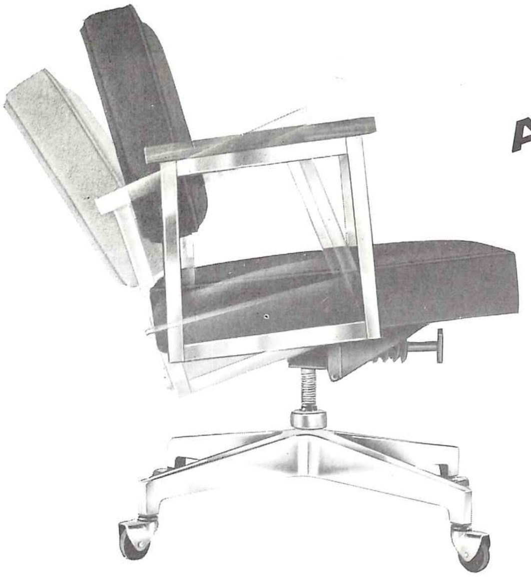
Combination covers – Seat and back panels of cloth may be combined with vinyl boxing trim and outer back cover. Specify CLOTH first for seat and inside back panel and VINYL second for boxing and outer back cover. When combination covers are selected from more than one group, use highest group price.

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

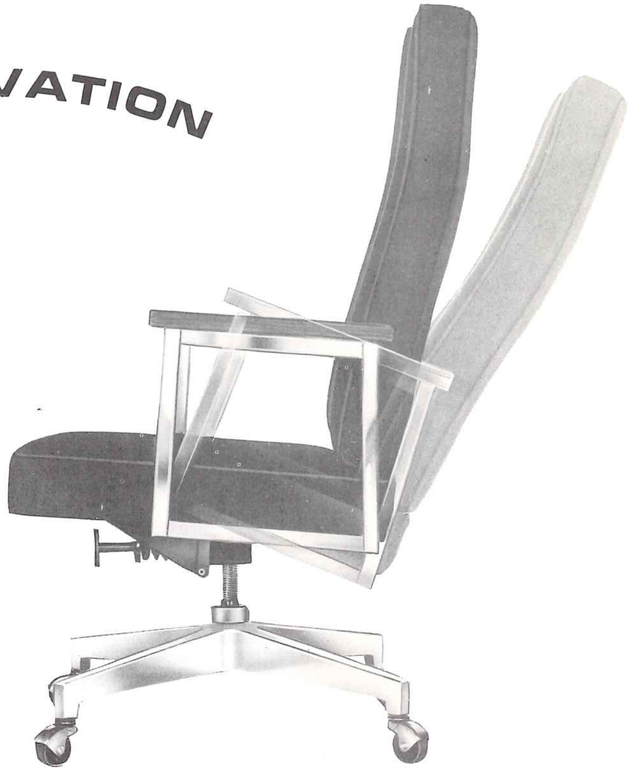
2900

2900

HINGE-O-MATIC

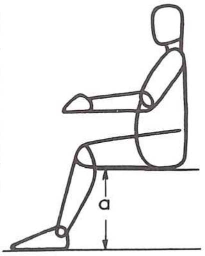


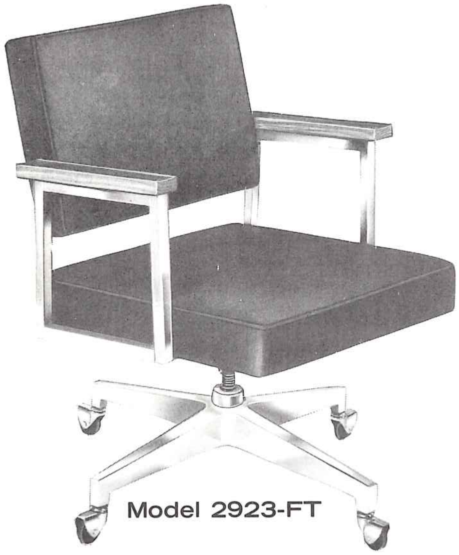
AN INNOVATION



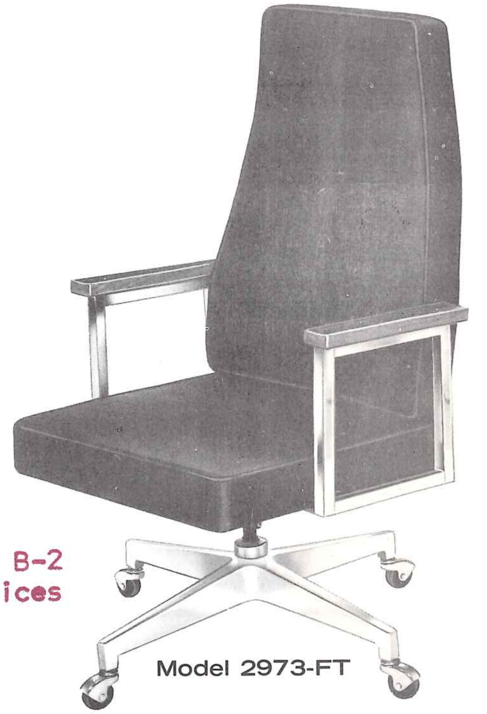
A chair is a chair is a chair is a chair has been changed. Cramer innovates a 'think' chair. It thinks of you, your posture, your comfort and your desk. It looks the same but it acts differently, enabling you to hold true posture* reclining or sitting erect. Your feet stay flat on the floor, no underleg pressure, no stretched muscles, no sliding in seat, no shirt pulling, short arms miss desk and spring tilter adjusts to you.

*True posture is achieved when the chair seat height is adjusted to a height equal to your measurement "a" shown on the sketch and when you sit well to the rear of the seat with your back comfortably erect. How the Cramer 'think' chair works: the front seat area is coordinately hinged through the tilting mechanism to simulate the pivoting action as in a person's hip joint. The chair seat and back are unitized into a true posture relationship. As the chair reclines to any angle, the rear seat area lowers while the front seat area retains its nearly horizontal plane.





Model 2923-FT



Model 2973-FT

See Price List Page B-2
for Current List Prices

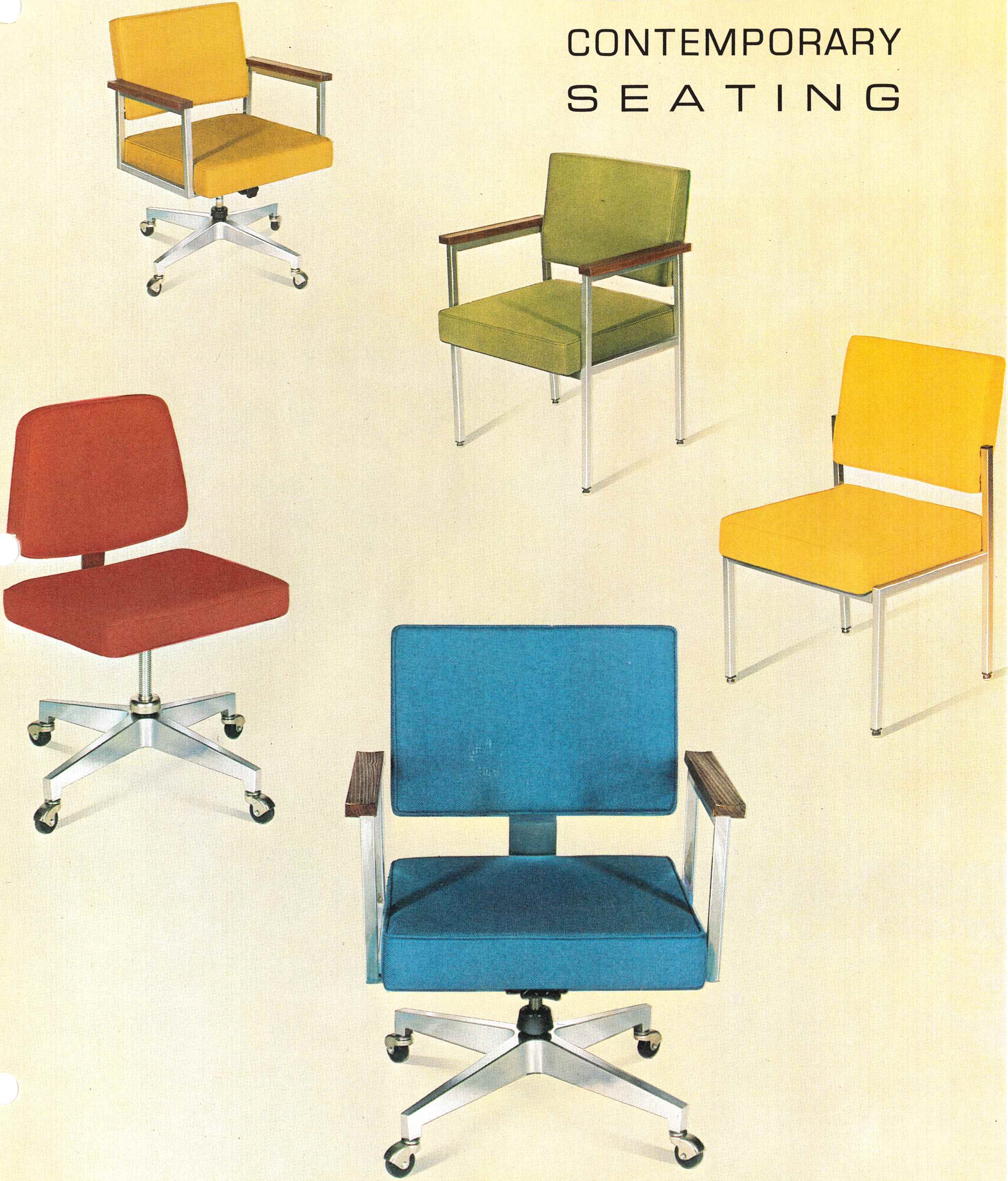
7130

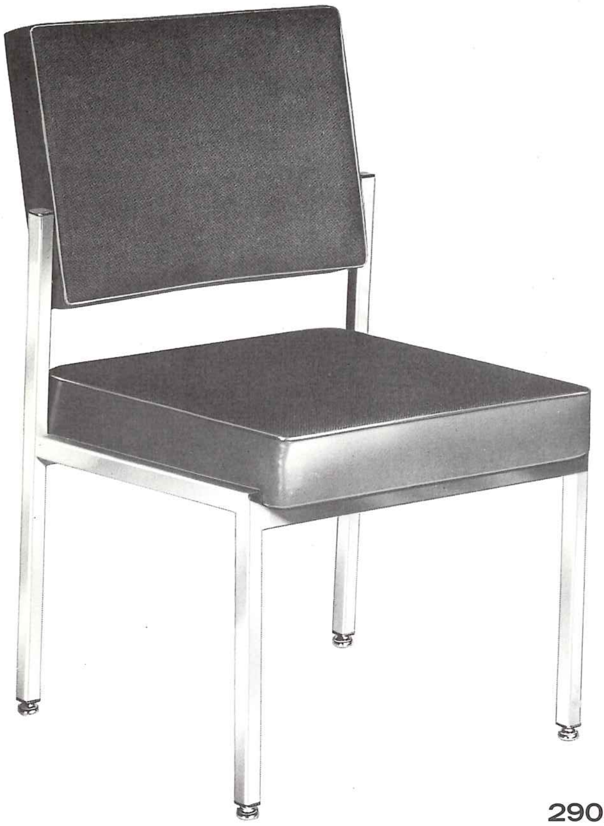
	Fabric Group			
	1	2	3	4
~~Satin Chrome~~	~~164~~	~~169~~	~~177~~	~~184~~
~~Mirror Chrome~~	~~183~~	~~188~~	~~196~~	~~203~~

	Fabric Group			
	1	2	3	4
~~Satin Chrome~~	~~240~~	~~245~~	~~253~~	~~260~~
~~Mirror Chrome~~	~~259~~	~~264~~	~~272~~	~~279~~

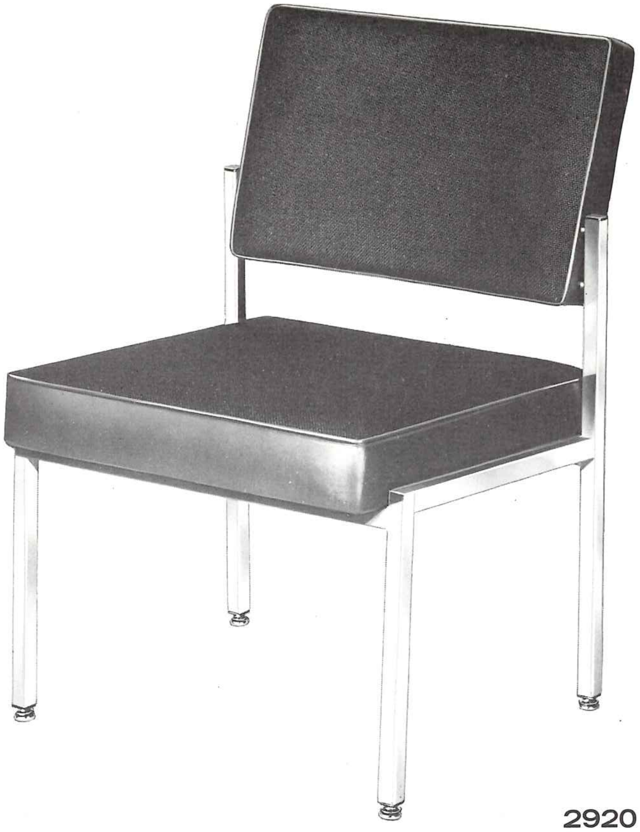
(Suggested List Prices F.O.B. Kansas City, Kansas)

2900 SERIES CONTEMPORARY SEATING





2900



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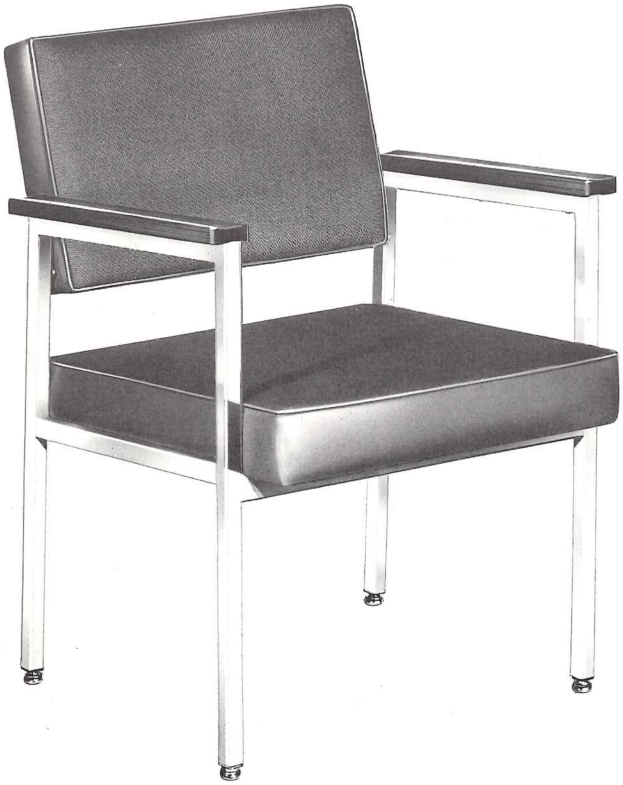

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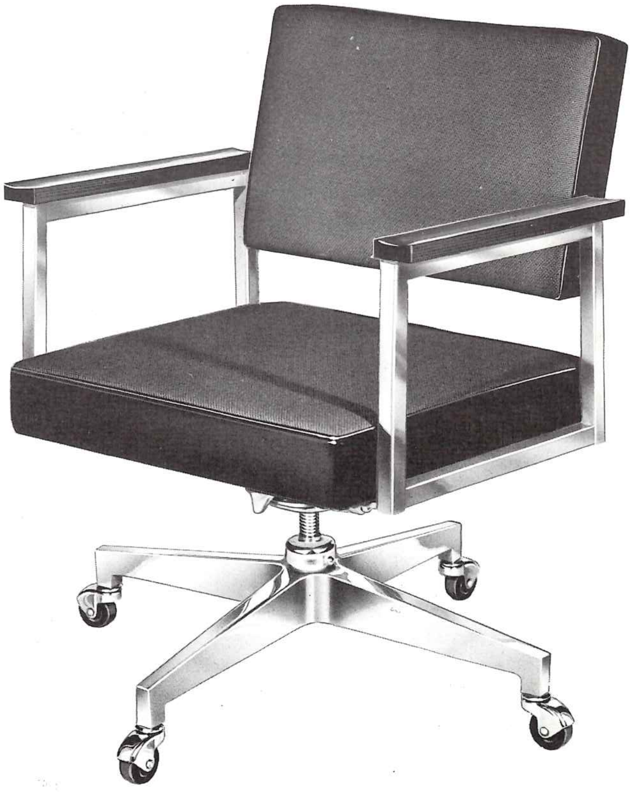

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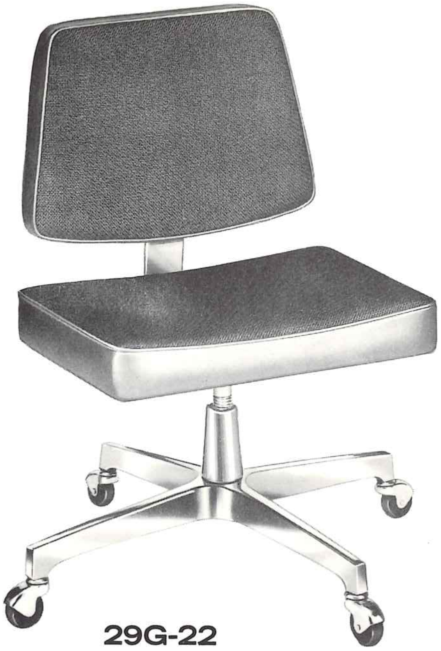
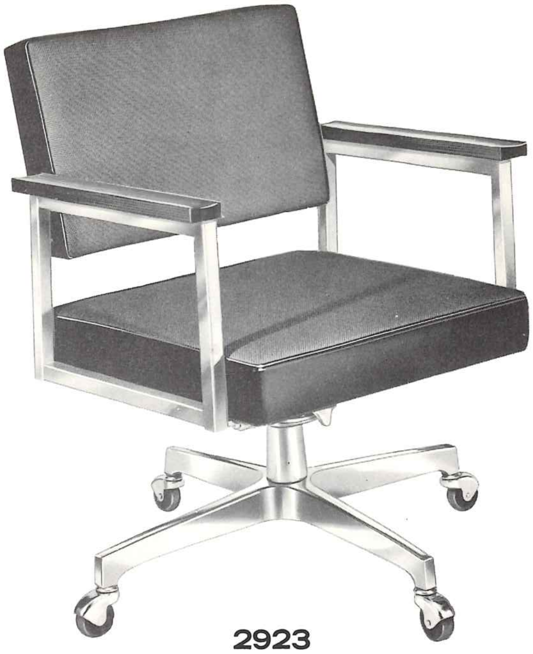


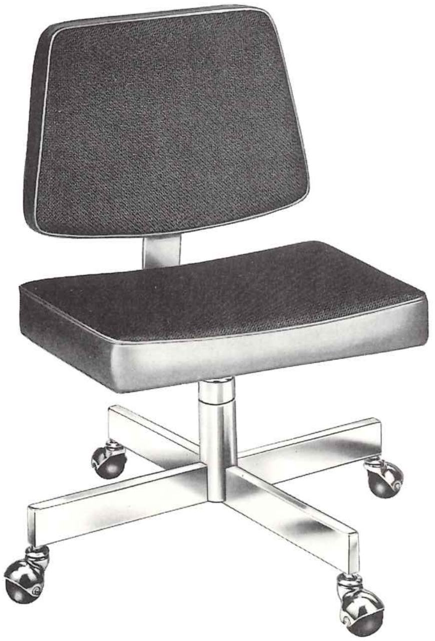
29G-22



2923

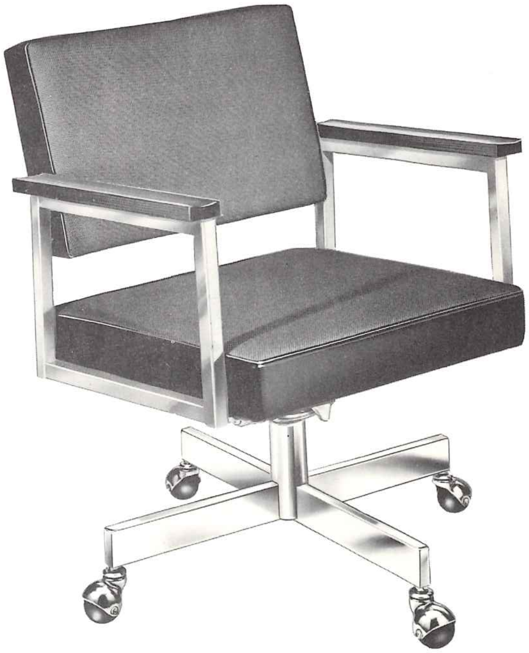
NOTE: All swivel chairs in the 2900 Series are now furnished **standard** with improved design cast aluminum bases as illustrated above, in lieu of cast aluminum bases shown on 2900 Series catalog pages.

Optionally available are steel blade type bases and ball type casters at extra charge as shown below. When ordering blade type bases and/or ball type casters, specify Blade Base and 1-1769 Ball Casters following the model number. Example: 2923 w/Blade Base & 1-1769 Ball Casters. When ball casters are not specified on your order, standard casters as illustrated above will be furnished.



29G-22 w/Blade Base & 1-1769 Ball Casters

Extra Cost:
Blade Base, Add $7.00 List Price
1-1769 Ball Casters, Add $8.00 List Price



2923 w/Blade Base & 1-1769 Ball Casters

Extra Cost:
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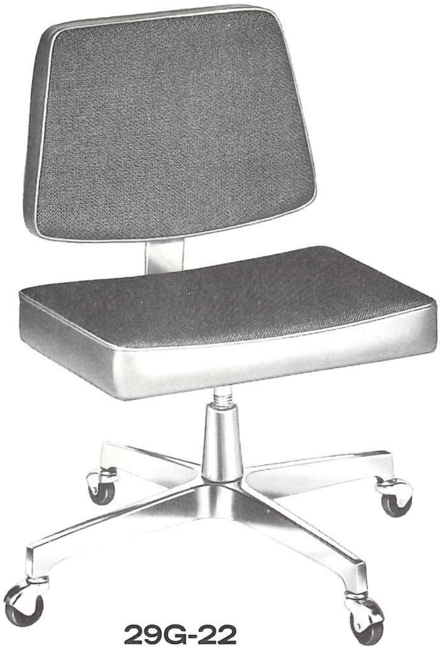
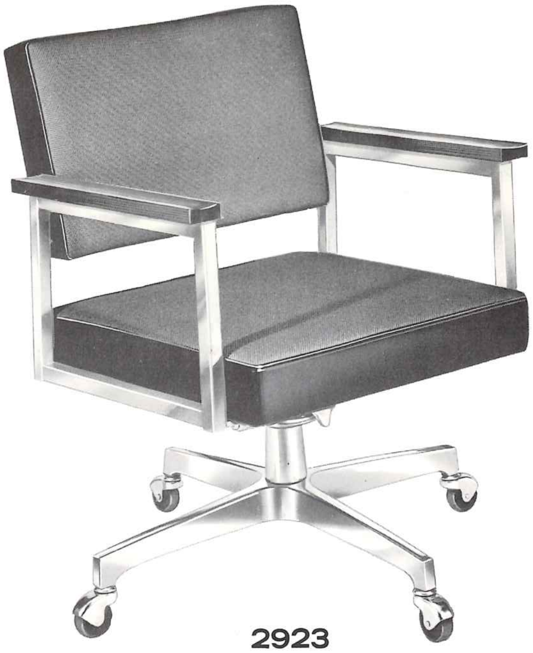
2900 SERIES



29G-22



2923

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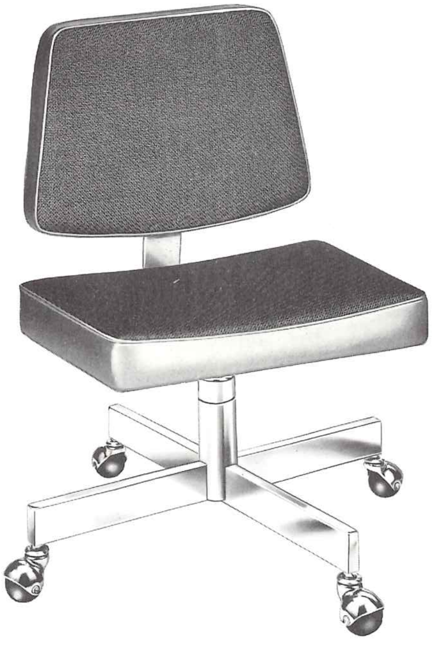
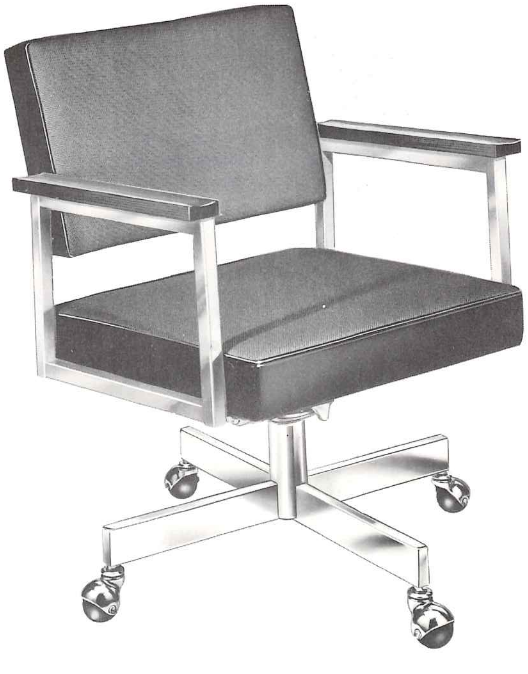


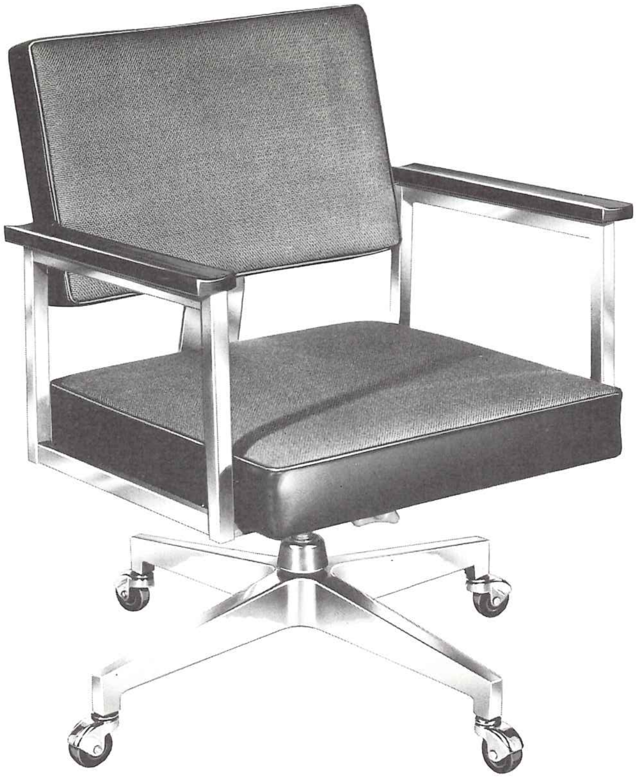
29G-22 w/Blade Base & 1-1769 Ball Casters

Extra Cost:
Blade Base, Add $7.00 List Price
1-1769 Ball Casters, Add $8.00 List Price

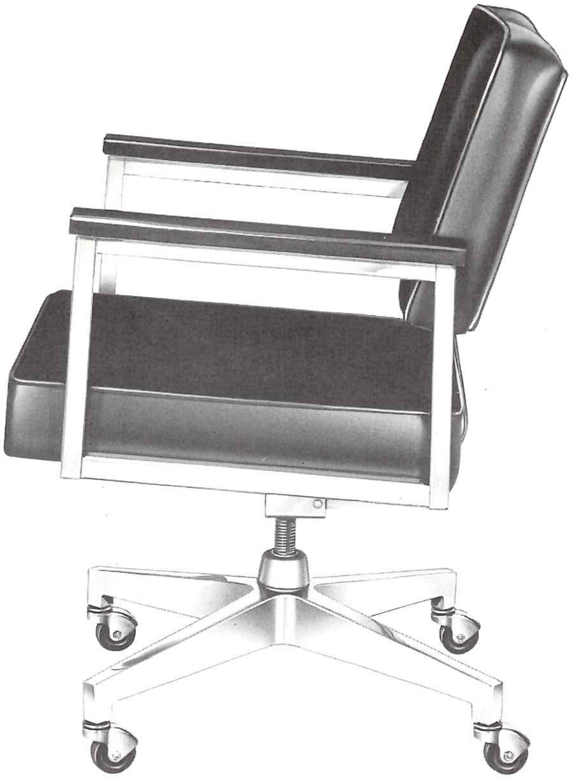


2923 w/Blade Base & 1-1769 Ball Casters

Extra Cost:
Blade Base, Add $7.00 List Price
1-1769 Ball Casters, Add $8.00 List Price



2953



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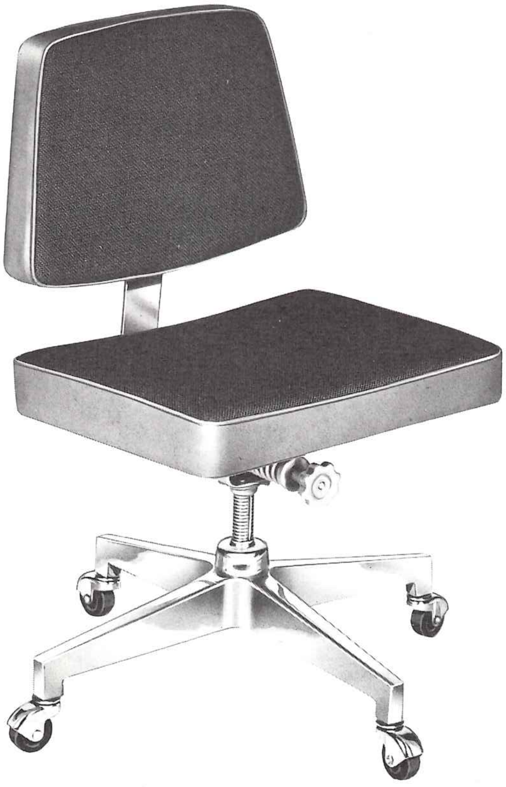
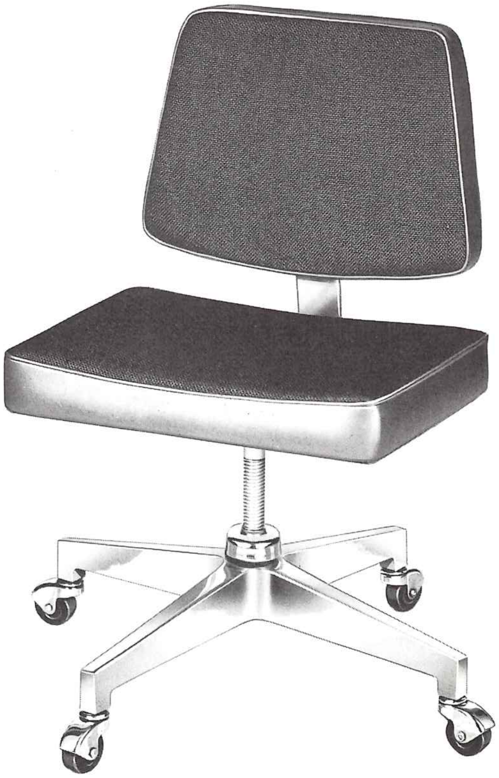
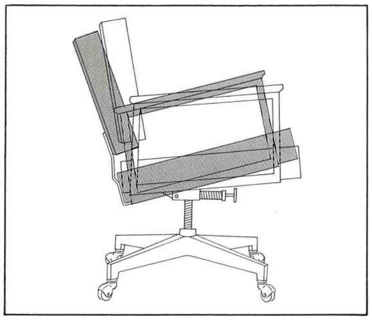


29G-22-0

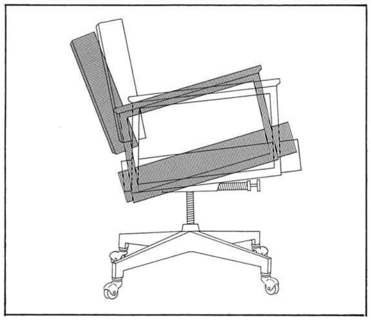


29G-22

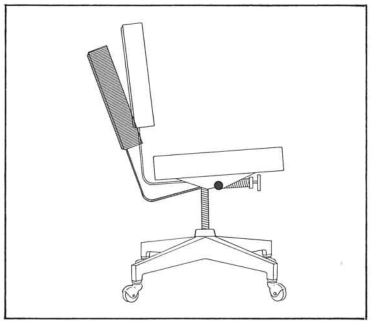
2900 SERIES SPECIFICATIONS



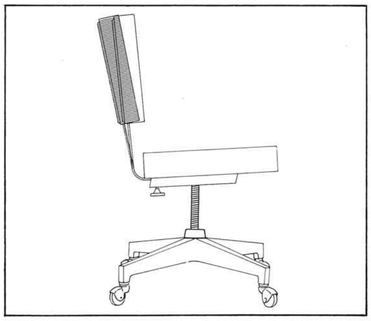
COMPENSATING ORTHO-TILT MECHANISM tilts the seat automatically as the back reclines in a balanced action on double acting adjustable compression springs, completely coordinated with the user's movements. Slight rise of seat in front reduces under-leg pressure. Model 2953.



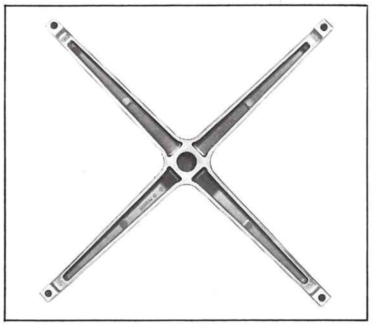
UNI-TILT MECHANISM tilts the seat and back together on a compression spring, providing adjustable tension control and effortless tilting action to anyone's weight. Model 2923.



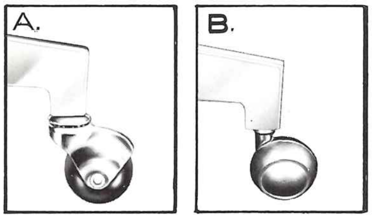
ORTHO-TILT MECHANISM tilts only the back on a compression spring, providing tension adjustment to the user's weight and perfect posture at every degree of tilt. Model 29G-22-0.



FLEX-BACK MECHANISM anchors the back rest and base assembly securely to the seat. Provides live, flex-action to the back and fast fore and aft back rest adjustment. Model 29G-22.



DIE CAST ALUMINUM BASE is one-piece aluminum component into which steel caster sockets are integrally molded in the casting process. It has handsome design, ribbed construction, super strength and noiseless operation. Delrin plastic insert in hub provides oil-free swivel bearing action.



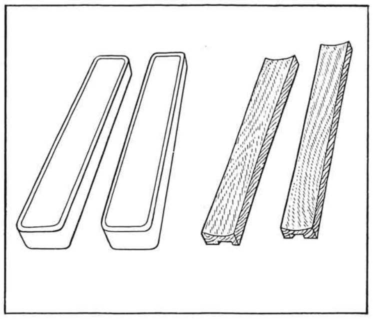
A. BALL-TYPE CASTERS have 2″ diameter soft-tread spherical wheels, swivel on ball-bearings fully hooded, recommended on carpet. Optional on all models.

B. SPHERICAL-TYPE CASTERS have 2½″ diameter metal tread wheels, leave no drag or scuff marks on carpet. Delrin bearing never needs lubricant, functions effortlessly. Optional on all models.

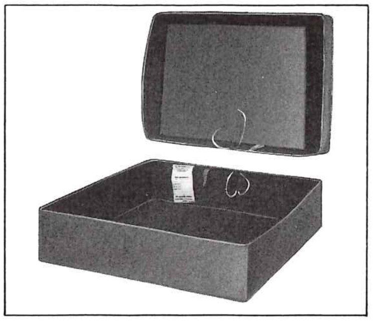
2900 SERIES SPECIFICATIONS

PADDED ARM RESTS are luxuriously foam cushioned and vinyl covered to match or blend with the chair upholstery.

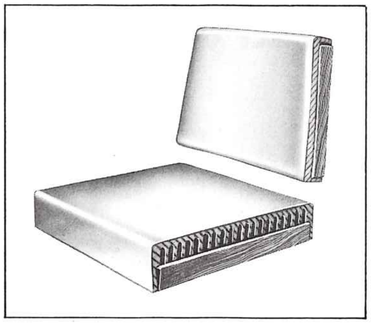
WALNUT ARM RESTS are oiled, hand rubbed, select and matched finish, genuine walnut. Slightly contoured to form a natural arm cradle.



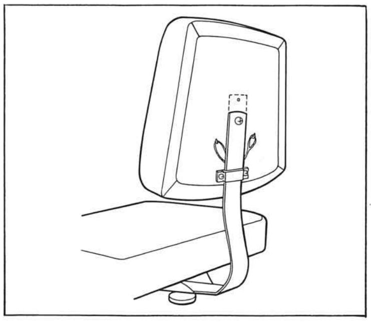
REPLACEABLE COVERS–Seat and back covers may be removed in the field for dry cleaning or low cost replacement by means of steel cables within the seat and back boxings. Each cover is part numbered for proper identification.



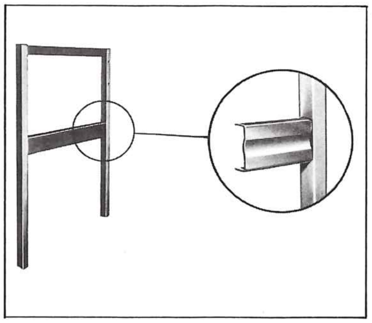
FOAM CUSHIONING. Luxurious comfort is provided with molded foam cushioning throughout. No springs or cotton waste materials used. Seat is full-depth molded virgin latex foam; back is molded polyurethane. Controlled density ensures bottomless comfort. Foam skirt all around sides of seat and back cushions affords bumpering condition preventing upholstery from touching raw edges of plywood seat and back plate construction.



SEAT AND BACK COMPONENTS are fabricated of sheet plywood, seat 5/8″ thick provided with ventilation holes for maximum comfort. Inner back is 1/2″ thick plywood, with a formed sheet steel outer plate covered with matching upholstery finishing off the back rest. Back rest has two vertical adjustment positions, low and high. Unless specified these are factory assembled in the low position.

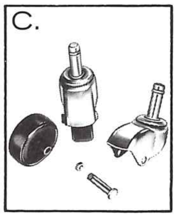


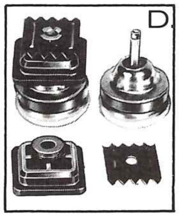
FRAME CONSTRUCTION–Heavy gauge tubular parts are first accurately machined and plated. At the juncture of each joint, steel channels are electric-welded to the vertical tubular parts in a manner requiring no grinding of the welds. The horizontal tubular parts are then pressed over the channels and securely welded into position through slots concealed underneath the tubing. The concealed, grind-free welds give super-strength, perfect plated joints and the nickel type chrome or antique bronze plating make this construction truly superlative.



C. STANDARD HOODED CASTERS have nut and bolt axles for easy replacement of 2″ soft tread wheels in which oilless bronze bushings are molded. Casters swivel on ball bearings and are retained in base steel sockets by friction ring on pintles.

D. PIVOTAL GLIDES have 15/16″ diameter hardened steel plates noiselessly cushioned in live rubber. Special pivot collar makes glide rest flat, protecting floor. Bear-claw spring steel retainers anchor securely in chair leg.





2900 SERIES SPECIFICATIONS

MODEL No. AND REPLACEMENT COVERS	C.O.M.	OVERALL SIZE	FOAM THICKNESS		SEAT SIZE	BACK SIZE	SEAT HEIGHT	LEG SPREAD	INSIDE ARM CLEARANCE
			SEAT	BACK					
2900 Seat–P/N 3-2888 Back–P/N 5-1084 Outer Back Cover P/N 5-1090	1 Chair 2¼ yds. 2 or more 1⅛ yds. each chair	32½Hx20Wx22¼D	3	1⅞	18Wx19½Dx3¾T	18Wx13Hx3T	18	21½Wx17½D	
2920 Seat–P/N 3-2889 Back–P/N 5-1085 Outer Back Cover P/N 5-1091	1 Chair 2½ yds. 2 or more 1½ yds. each chair	32½Hx22Wx23D	3	1⅞	20Wx20½Dx3¾ T	19½Wx13Hx3 T	18	21½Wx17½D	
2921 Seat–P/N 3-2889 Back–P/N 5-1085 Outer Back Cover P/N 5-1091 Padded Arm: (-8) P/N 3-2943	1 Chair 2½ yds. 2 or more 1½ yds. each chair	32½Hx24Wx23D	3	1⅞	20Wx20½Dx3¾ T	19½Wx13Hx3 T	18	21½Wx17½D	20
2923 Seat–P/N 3-2889 Back–P/N 5-1085 Outer Back Cover P/N 5-1091 Padded Arm: (-8) P/N 3-2943	1 Chair 2½ yds. 2 or more 1½ yds. each chair	31½Hx24Wx24D	3	1⅞	20Wx20½Dx3¾ T	19½Wx13Hx3T	17½-21	25	20
2953 Seat–P/N 3-2889 Back–P/N 5-1085 Outer Back Cover P/N 5-1091 Padded Arm: (-8) P/N 3-2943	1 Chair 2½ yds. 2 or more 1½ yds. each chair	31½Hx25Wx24D	3	1⅞	20Wx20½Dx3¾ T	19½Wx13Hx3 T	17½-21	25	21
29G-22 Seat–P/N 3-2757 Back–P/N 5-1073 Outer Back Cover P/N 5-985	1 Chair 2 yds. 2 or more 1 yd. each chair	30½Hx18½Wx18½D	2½	1½	18½Wx14½Dx3¼ T	16½Wx12½Hx2½ T	17½-21	22	
29G-22-0 Seat–P/N 3-2757 Back–P/N 5-1073 Outer Back Cover P/N 5-985	1 Chair 2 yds. 2 or more 1 yd. each chair	30½Hx18½Wx18½D	2½	1½	18½Wx14½Dx3¼ T	16½Wx12½Hx2½ T	17½-21	22	

All dimensions in inches taken at point of greatest width, depth, thickness, and lowest height on swivel chairs. The backs are in their minimum depth adjustment.

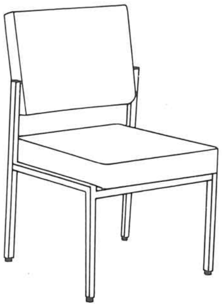
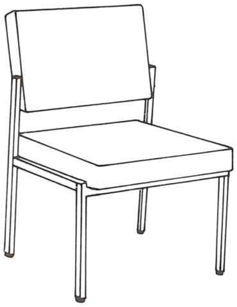
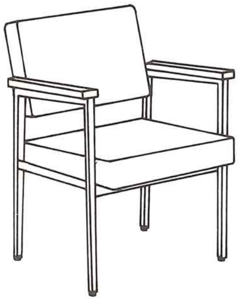
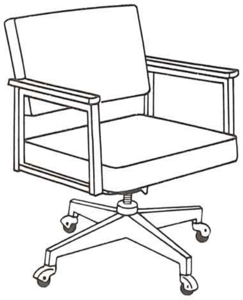
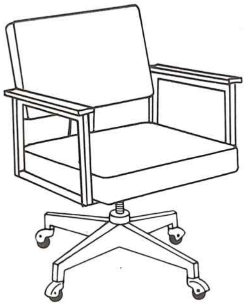
2900 SERIES
CONTEMPORARY
SEATING
PRICE LIST

ZONE 1 • NUMBER 3272

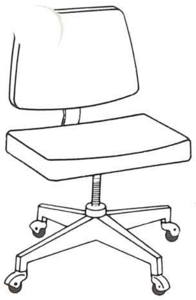
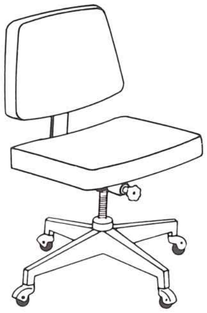
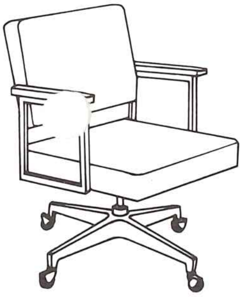
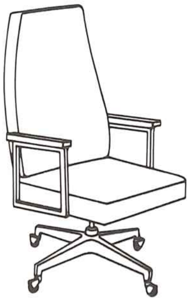
F.O.B. PLANT, KANSAS CITY, KANSAS

PRICES AND SPECIFICATIONS
SUBJECT TO CHANGE WITHOUT NOTICE

2900 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	FINISH	SUGGESTED LIST PRICE				SHIPPING DATA
					FABRIC GROUP				
					1	2	3	4	
	**2900** Side Chair	**OVERALL:** 32½ H x 20 W x 22¼ D **SEAT:** 18 W x 19½ D **BACK:** 18 W x 13 H **SEAT HEIGHT:** 18	1 Chair 2¼ yds. 2 or more 1⅛ yds. each chair	**SATIN CHROME**	**78.80**	**84.00**	**92.40**	**99.80**	Shipped SUS 1 per Ctn. 35 lbs.
				MIRROR CHROME	**81.90**	**87.20**	**95.60**	**102.90**	
				ANTIQUE BRONZE	**115.50**	**120.80**	**129.20**	**136.50**	
	**2920** Large Side Chair	**OVERALL:** 32½ H x 22 W x 23 D **SEAT:** 20 W x 20½ D **BACK:** 19½ W x 13 H **SEAT HEIGHT:** 18	1 Chair 2½ yds. 2 or more 1½ yds. each chair	**SATIN CHROME**	**89.30**	**94.50**	**102.90**	**110.30**	Shipped SUS 1 per Ctn. 39 lbs.
				MIRROR CHROME	**92.40**	**97.70**	**106.10**	**113.40**	
				ANTIQUE BRONZE	**126.00**	**131.30**	**139.70**	**147.00**	
	**2921** Side Arm Chair Walnut Arms	**OVERALL:** 32½ H x 24 W x 23 D **SEAT:** 20 W x 20½ D **BACK:** 19½ W x 13 H **SEAT HEIGHT:** 18	1 Chair 2½ yds. 2 or more 1½ yds. each chair	**SATIN CHROME**	**101.90**	**107.10**	**115.50**	**122.90**	Shipped SUS 1 per Ctn. 41 lbs.
				MIRROR CHROME	**113.40**	**118.70**	**127.10**	**134.40**	
				ANTIQUE BRONZE	**147.00**	**152.30**	**160.70**	**168.00**	
	**2923** Swivel Arm Chair Uni-Tilt Walnut Arm Rests	**OVERALL:** 31½ H x 24 W x 24 D **SEAT:** 20 W x 20½ D **BACK:** 19½ W x 13 H **SEAT HEIGHT:** 17½-21	1 Chair 2½ yds. 2 or more 1½ yds. each chair	**SATIN CHROME**	**146.00**	**151.20**	**159.60**	**167.00**	Shipped KDR 1 per Ctn. 53 lbs.
				MIRROR CHROME	**165.90**	**171.20**	**179.60**	**186.90**	
				ANTIQUE BRONZE	**199.50**	**204.80**	**213.20**	**220.50**	
	**2953** Swivel Arm Chair Compensating Ortho-Tilt Walnut Arms	**OVERALL:** 31½ H x 25 W x 24 D **SEAT:** 20 W x 20½ D **BACK:** 20 W x 20½ D **SEAT HEIGHT:** 17½-21	1 Chair 2½ yds. 2 or more 1½ yds. each chair	**SATIN CHROME**	**168.00**	**173.30**	**181.70**	**189.00**	Shipped KDR 1 per Ctn. 61 lbs.
				MIRROR CHROME	**188.00**	**193.20**	**201.60**	**209.00**	
				ANTIQUE BRONZE	**221.60**	**226.80**	**235.20**	**242.60**	

2900 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	FINISH	SUGGESTED LIST PRICE				SHIPPING DATA
					FABRIC GROUP				
					1	2	3	4	
	**29G-22** Clerical Chair Flex Back	**OVERALL:** 30½ H x 18½ W x 18½ D **SEAT:** 18½ W x 14½ D **BACK:** 16½ W x 12½ H **SEAT HEIGHT:** 17½-21	1 Chair 2 yds. 2 or more 1 yd. each chair	SATIN CHROME	85.10	89.30	93.50	97.70	Shipped KDR 1 per Ctn. 29 lbs.
				MIRROR CHROME	95.60	99.80	104.00	108.20	
				ANTIQUE BRONZE	118.70	122.90	127.10	131.30	
	**29G-22-0** Clerical Chair Ortho-Tilt	**OVERALL:** 30½ H x 18½ W x 18½ D **SEAT:** 18½ x 14½ D **BACK:** 16½ W x 12½ H **SEAT HEIGHT:** 17½-21	1 Chair 2 yds. 2 or more 1 yd. each chair	SATIN CHROME	96.60	100.80	105.00	109.20	Shipped KDR 1 per Ctn. 34 lbs.
				MIRROR CHROME	107.10	111.30	115.50	119.70	
				ANTIQUE BRONZE	130.20	134.40	138.60	142.80	
	**2923-FT** Swivel Arm Chair **HINGE-O-MATIC** Walnut Arms	**OVERALL:** 31½ H x 24 W x 24 D **SEAT:** 20 W x 20½ D **BACK:** 19½ W x 13 H **SEAT HEIGHT:** 17½-21	1 Chair 2½ yds. 2 or more 1½ yds. each chair	SATIN CHROME	172.20	177.50	185.90	193.20	Shipped KDR 1 per Ctn. 58½ lbs.
				MIRROR CHROME	192.20	197.40	205.80	213.20	
				ANTIQUE BRONZE	226.10	231.00	239.40	250.80	
	**2973-FT** Swivel Arm Chair **HINGE-O-MATIC** Walnut Arms	**OVERALL:** 40 H x 24 W x 24 D **SEAT:** 20 W x 20½ D **BACK:** 20½ W BOTTOM, 14 W TOP; 25 H **SEAT HEIGHT:** 17½-21	1 Chair 3 yds. 2 or more 2½ yds. each chair	SATIN CHROME	252.00	257.30	265.70	273.00	Shipped SUR 1 per Ctn. 72 lbs.
				MIRROR CHROME	272.00	277.20	285.60	293.00	
				ANTIQUE BRONZE	302.60	310.80	319.20	326.60	

OPTIONAL CASTERS available in lieu of those specified above:
Ball-type carpet casters, add $8.40, specify P/N 1-1769
Spherical carpet casters, add $11.60, specify P/N 1-1770

Painted Frame Also Available—Use Satin Chrome Price
Arm Rests quoted above are genuine walnut, oiled finish.

Padded Arm Rests, Vinyl Upholstered, are available on Models 2921, 2923 and 2935, covered in matching or blending vinyl, add suffix -8 to model number, add $10.50 to list price.

Padded Arm Rests, Cloth Upholstered, are available, add $18.90 to list price.

Combination Covers—Seat and back panels of cloth may be combined with boxing trim of vinyl materials. Specify CLOTH first for seat and back panels and VINYL second for boxing trim. When combination covers are selected from more than one group, use highest group price.

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

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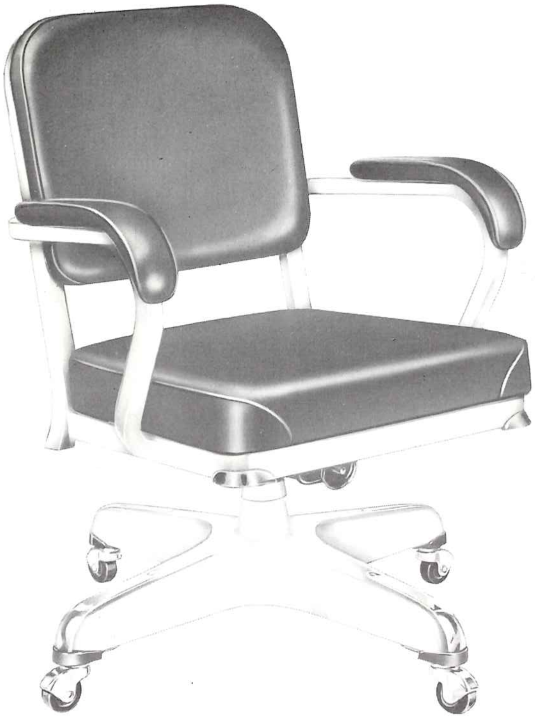
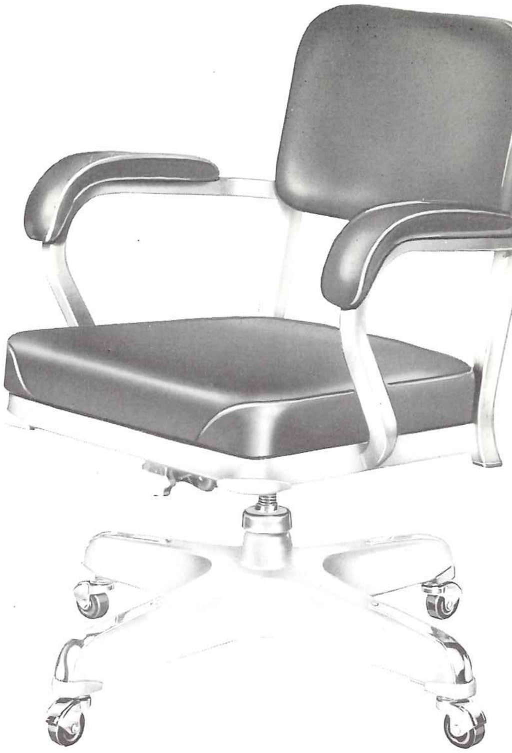
2500 SERIES CONVENTIONAL SEATING

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS



2563-6



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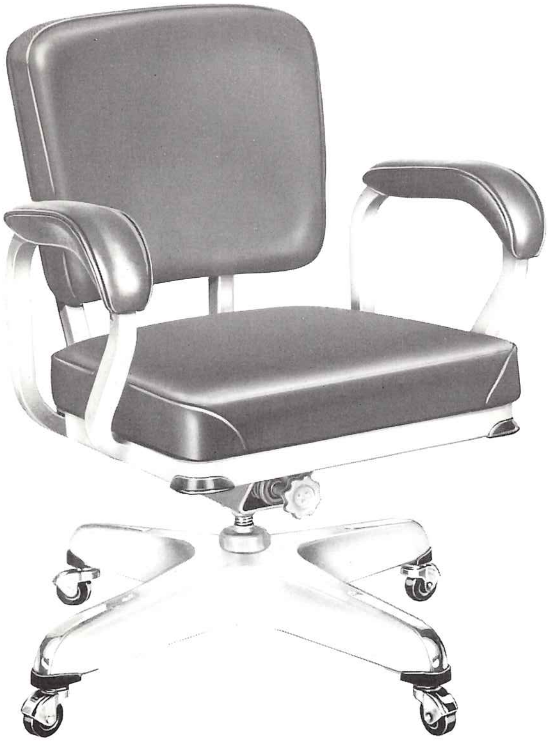
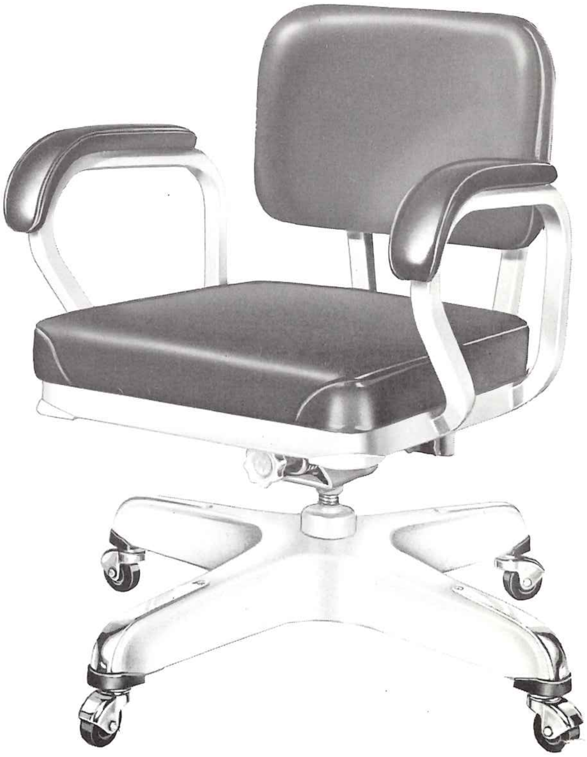
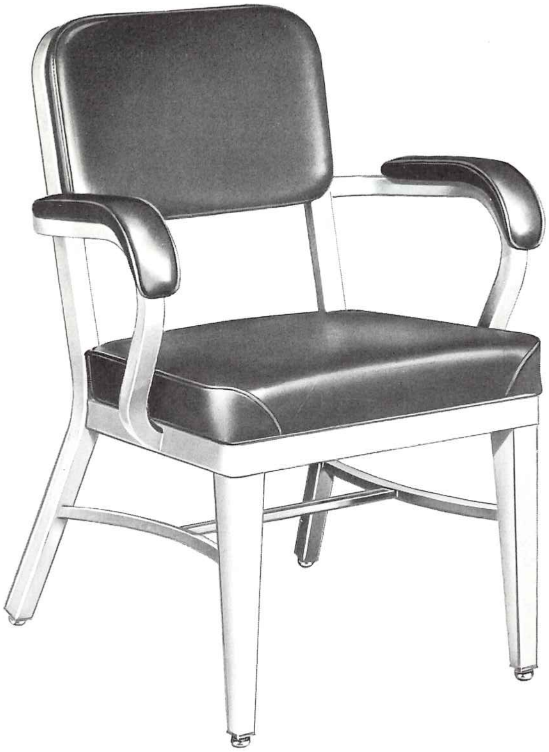


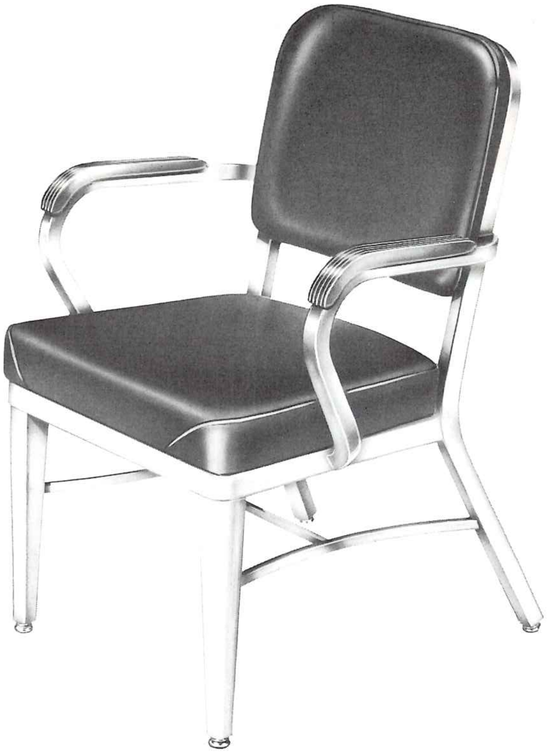
2553-7



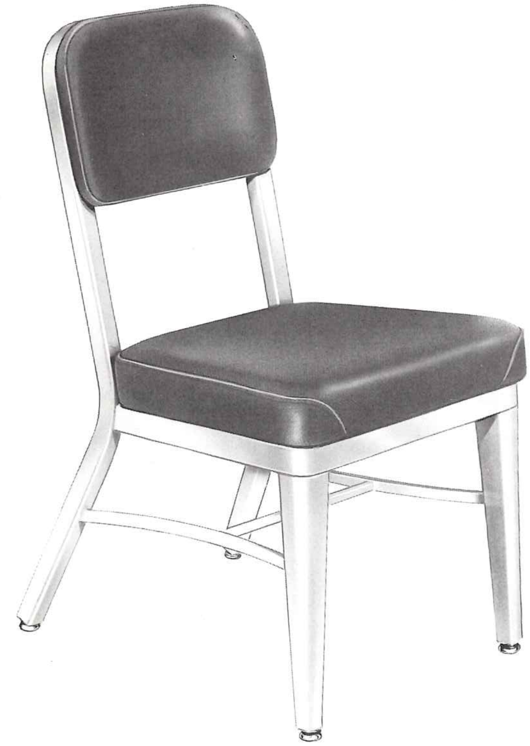
2523-DO



2521-6



2561-1



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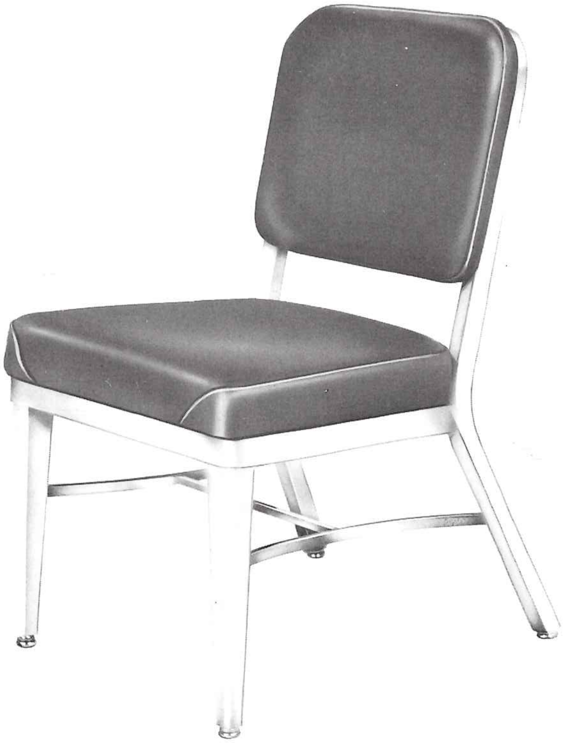

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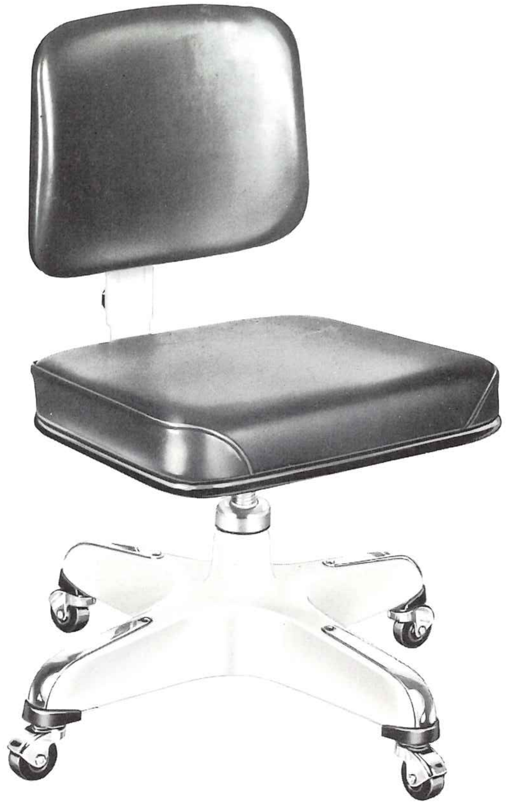
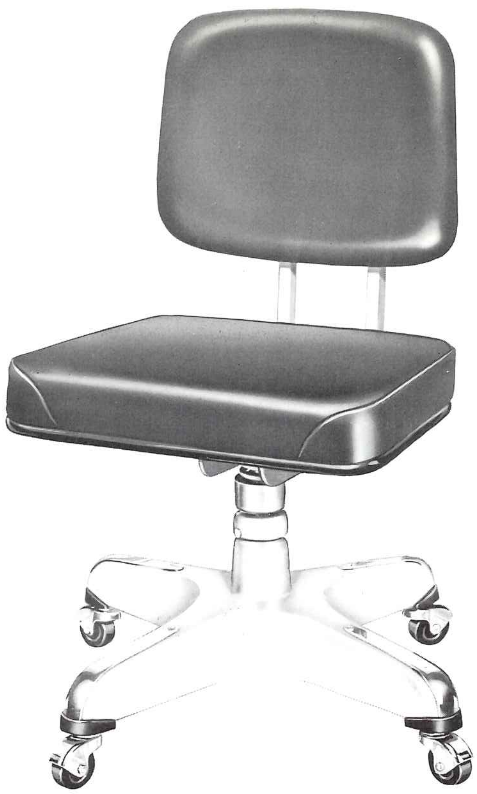
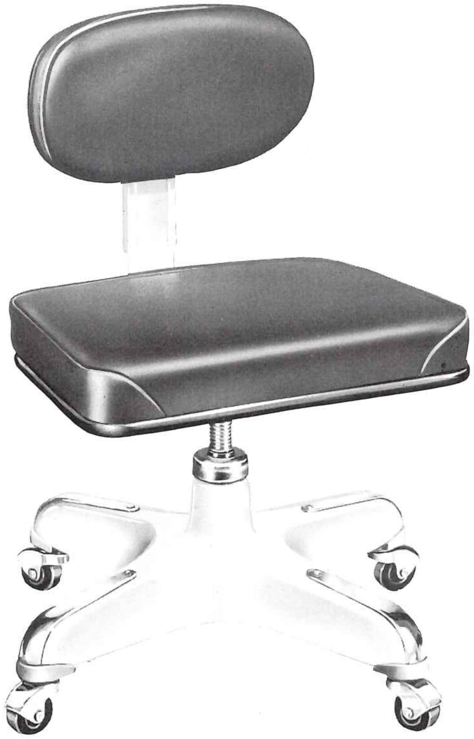


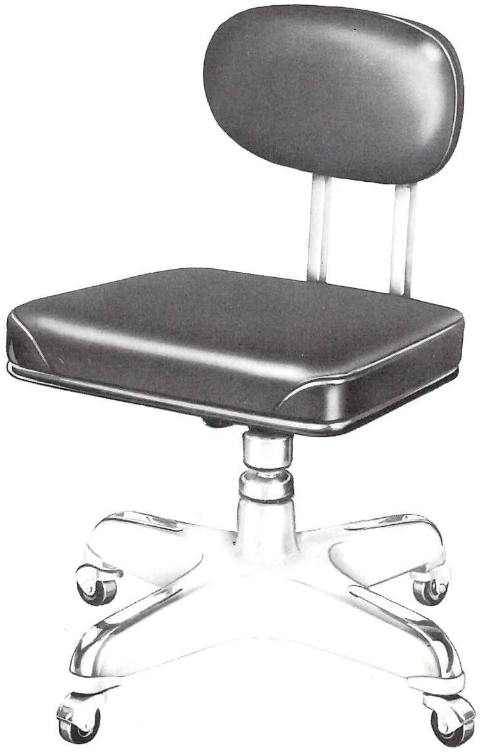
25C-24



25C-24-DO



25C-22



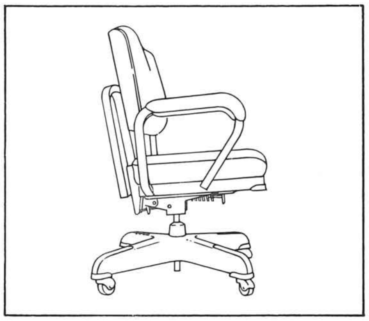
25C-22-DO

2500 SERIES SPECIFICATIONS

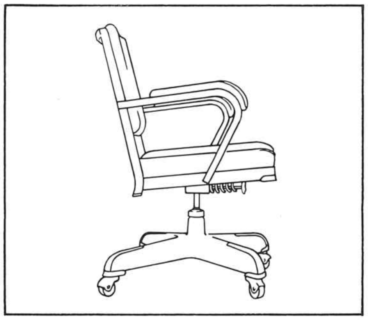
MODEL NO. AND REPLACEMENT COVERS	C.O.M.	OVERALL SIZE	FOAM THICKNESS		SEAT SIZE	BACK SIZE	SEAT HEIGHT	LEG SPREAD	INSIDE ARM CLEARANCE
			SEAT	BACK					
2500 S -P/N 3-2673 Back–P/N 5-705	1 Chair 2 yds. 2 or more 1 yd. each chair	33Hx18Wx21½D	3	1	17½Wx16Dx3½T	14Wx9½Hx1T	18	16Wx22D	
2560 Seat–P/N 3-2674 Back–P/N 5-1038	1 Chair 2 yds. 2 or more 1 yd. each chair	33Hx20Wx21½D	3	1	20Wx19Dx3½T	16½Wx14Hx1T	18	18Wx22½D	
2521 Seat–P/N 3-2674 Back–P/N 5-707	1 Chair 2 yds. 2 or more 1 yd. each chair	34Hx23Wx22½D	3	1	20Wx19Dx3½T	16½Wx11Hx1T	18	18Wx22½D	19½
2561 Seat–P/N 3-2674 Back–P/N 5-1038	1 Chair 2 yds. 2 or more 1 yd. each chair	34Hx23Wx22½D	3	1	20Wx19Dx3½T	16½Wx14Hx1T	18	18Wx22½D	19½
2523 Seat–P/N 3-2674 Back–P/N 5-707	1 Chair 2 yds. 2 or more 1 yd. each chair	33Hx24Wx24D	3	1	20Wx19Dx3½T	16½Wx11Hx1T	17½-21	25	19½
2563 Seat–P/N 3-2674 Back–P/N 5-1038	1 Chair 2 yds. 2 or more 1 yd. each chair	33Hx24Wx24D	3	1	20Wx19Dx3½T	16½Wx14Hx1T	17½-21	25	19½
2523-DO Seat–P/N 3-2674 Back–P/N 5-707	1 Chair 2 yds. 2 or more 1 yd. each chair	31½Hx24½Wx21¼D	3	1	20Wx19Dx3½T	16½Wx11Hx1T	17½-21	25	19½
2553 Seat–P/N 3-2674 Back–P/N 5-715	1 Chair 2 yds. 2 or more 1 yd. each chair	31½Hx24½Wx21¼D	3	1	20Wx19Dx3½T	17½Wx14Hx1T	17½-21	25	19½
25C-24 Seat–P/N 3-2675 Back–P/N 5-1037	1 Chair 2 yds. 2 or more ¾ yd. each chair	29Hx18Wx16D	2½	¾	17½Wx14½Dx2½T	14½Wx12Hx1T	17½-21	22	
25C-24-DO Seat–P/N 3-2675 Back–P/N 5-1037	1 Chair 2 yds. 2 or more ¾ yd. each chair	32Hx18Wx19D	2½	¾	17½Wx14½Dx2½T	14½Wx12Hx1T	17½-21	22	
25C-22 Seat–P/N 3-2675 Back–P/N 5-75	1 Chair 2 yds. 2 or more ¾ yd. each chair	26Hx18Wx16D	2½	1	17½Wx14½Dx2½T	13Wx8Hx1T	17½-21	22	
25C-22-DO S P/N 3-2675 B -P/N 5-75	1 Chair 2 yds. 2 or more ¾ yd. each chair	29Hx18Wx19D	2½	1	17½Wx14½Dx2½T	13Wx8Hx1T	17½-21	22	

Outside arm width same as overall width of chair, see third column.
All dimensions in inches taken at point of greatest width, depth and thickness.

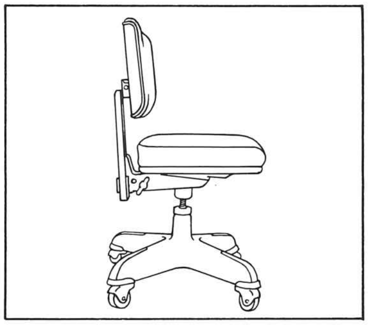
2500 SERIES SPECIFICATIONS



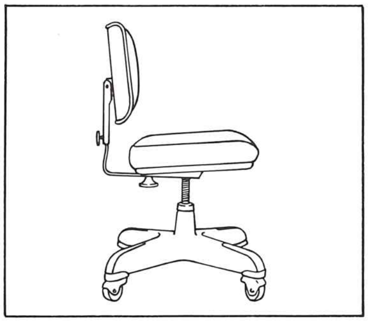
COMPENSATING ORTHO-TILT MECHANISM tilts the seat automatically as the back reclines in a balanced action on double acting adjustable compression springs, completely coordinated with the user's movements. Compensating seat and back action reduces under leg pressure. Models 2553 and 2523-DO.



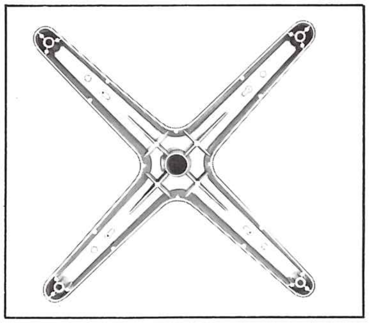
UNI-TILT MECHANISM tilts the seat and back together on compression springs, providing adjustable tension control and effortless tilting action to anyone's weight. Models 2563 and 2523.



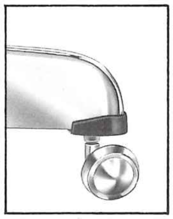
ORTHO-TILT MECHANISM tilts the back only on a compression spring and provides for spring tension and back angle to the user's choice. Models 25C-24-DO and 25C-22-DO.



FLEX-BACK MECHANISM permits the back to flex in live action and allows for full horizontal and vertical adjustment of the back rest to correct posture for any user. Model 25C-24 and 25C-22.



DIE CAST ALUMINUM BASE is one-piece casting with steel caster sockets integrally molded in the legs. Delrin plastic bearing pressed into base hub provides oil-free swivel bearing action.



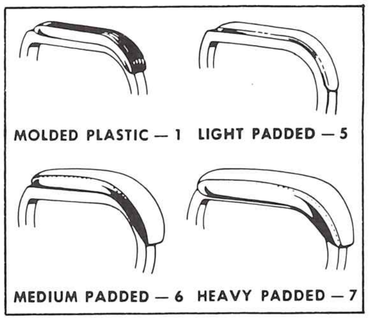
A. BALL-TYPE CASTERS have 2″ diameter soft-tread ball wheels, swivel on ball bearings, fully hooded. Recommended on carpet. Optional on all models.

B. SPHERICAL-TYPE CASTERS have 2½″ diameter metal tread wheels, leave no drag or scuff marks on carpet. Delrin bearing never needs lubricant, functions effortlessly. Optional on all models.

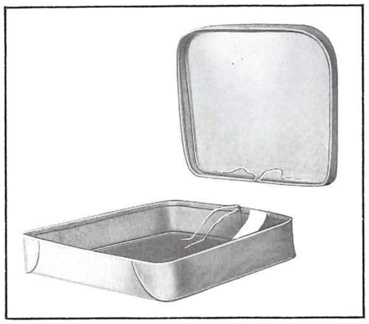
2500 SERIES SPECIFICATIONS

PLASTIC ARM RESTS are injection molded, high impact cycolac plastic harmonizing in color with the chair frame finish.

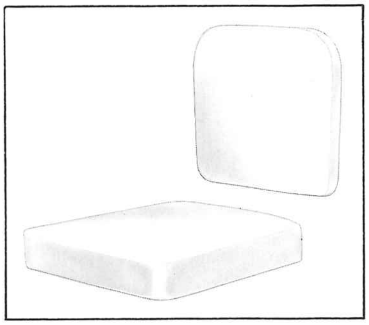
PADDED ARM RESTS are luxuriously foam cushioned and vinyl covered to match or blend with the chair upholstery. Available in light, medium or heavy padding.



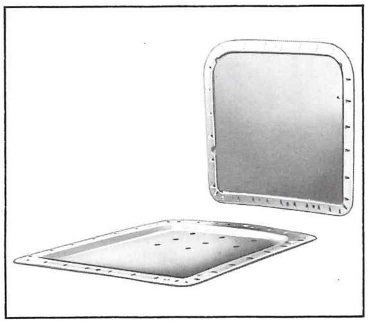
REPLACEABLE COVERS. Seat, back and arm covers may be removed on the job for dry cleaning or replacement by means of steel draw cables within the seat and back boxing. Each cover is part-numbered for proper identification.



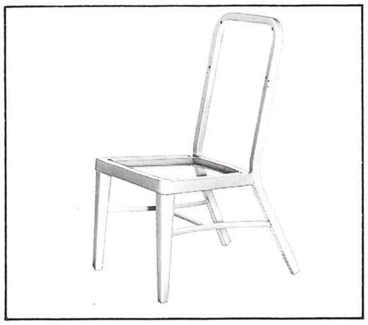
FOAM CUSHIONING. Luxurious comfort is provided with foam cushioning throughout. Generous cushion thickness and controlled density ensures correct posture and excellent comfort.



SEAT AND BACK COMPONENTS are fabricated of heavy gauge formed sheet steel and welded for super strength. Seat pans are saddle shaped and vented for maximum comfort.

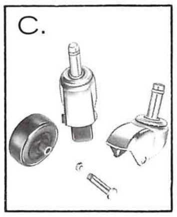


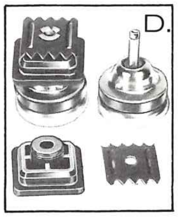
FRAME CONSTRUCTION. Heavy gauge tubular parts are accurately machined and securely welded forming a rigid unit.



C. STANDARD HOODED CASTERS have nut and bolt axles for easy replacement of 2″ soft tread wheels in which oilless bronze bushings are molded. Casters swivel on ball bearings and are retained in base steel sockets by friction ring on pintles.

D. GLIDES have 15/16″ diameter hardened steel plates, noiselessly cushioned in live rubber. Tapered pivoting collar makes glide rest flat on floor giving maximum floor protection. Bear-claw, spring steel retainers anchor securely in chair legs.





CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

2500 SERIES
CONVENTIONAL
SEATING
PRICE LIST

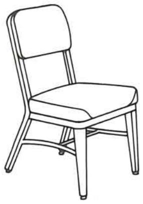
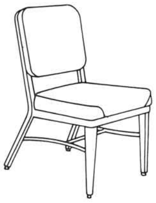
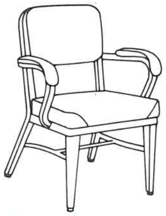
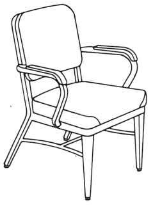
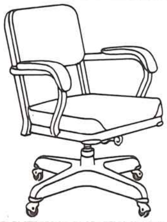
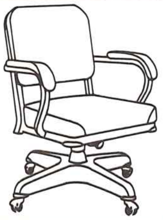
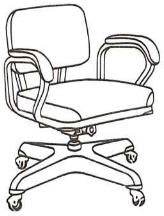
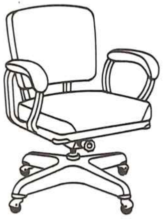
ZONE 1 • NUMBER 3272

F.O.B. PLANT, KANSAS CITY, KANSAS

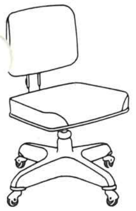
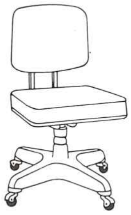
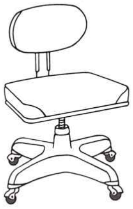
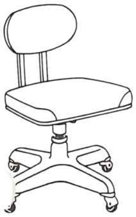
PRICES AND SPECIFICATIONS
SUBJECT TO CHANGE WITHOUT NOTICE

CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 · 621-6700

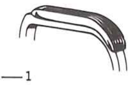
2500 SERIES PRICING SCHEDULE

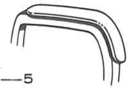
ILLUSTRATION	MODEL No. AND DESCRIPTION		DIMENSIONS	C.O.M.	SUGGESTED LIST PRICES				LATEX FOAM SEAT ADD SUFFIX-X & PRICE BELOW	SHIPPING DATA
					FABRIC GROUP					
					1	2	3	4		
	**2500** Small Side Chair		OVERALL: 33 H x 18 W x 21½ D SEAT: 17½ W x 16 D BACK: 14 W x 9½ H SEAT HEIGHT: 18	1 Chair 2 yds. 2 or more 1 yd. each chair	51.50	56.70	60.90	65.10	8.40	Shipped SUS 2 p[illegible]n. 39 lbs. Single Pack 25 lbs.
	**2560** Large Side Chair		OVERALL: 33 H x 20 W x 21½ D SEAT: 20 W x 19 D BACK: 16½ W x 14 H SEAT HEIGHT: 18	1 Chair 2 yds. 2 or more 1 yd. each chair	66.20	71.40	76.70	81.90	10.50	Shipped SUS 2 per Ctn. 45 lbs. Single Pack 28 lbs.
	**2521** Arm Side Chair	2521-1	OVERALL: 34 H x 23 W x 22½ D SEAT: 20 W x 19 D BACK: 16½ W x 11 H SEAT HEIGHT: 18	1 Chair 2 yds. 2 or more 1 yd. each chair	70.40	75.60	80.90	86.10	10.50	Shipped SUS 1 per Ctn. 33 lbs.
		2521-5			75.60	80.90	86.10	91.40	10.50	
		2521-6			80.90	86.10	91.40	96.60	10.50	
		2521-7			88.20	93.50	98.70	104.00	10.50	
	**2561** Arm Side Chair	2561-1	OVERALL: 34 H x 23 W x 22½ D SEAT: 20 W x 19 D BACK: 16½ W x 14 H SEAT HEIGHT: 18	1 Chair 2 yds. 2 or more 1 yd. each chair	76.70	81.90	87.20	92.40	10.50	Shipped SUS 1 per Ctn. 34 lbs.
		2561-5			81.90	87.20	92.40	97.70	10.50	
		2561-6			87.20	92.40	97.70	102.90	10.50	
		2561-7			94.50	99.80	105.00	110.30	10.50	
	**2523** Arm Swivel Chair	2523-1	OVERALL: 33 H x 24 W x 24 D SEAT: 20 W x 19 D BACK: 16½ W x 11 H SEAT HEIGHT: 17½ - 21	1 Chair 2 yds. 2 or more 1 yd. each chair	92.40	97.70	102.90	108.20	10.50	Shipped KDR 1 per Ctn. 42 lbs.
		2523-5			97.70	102.90	108.20	113.40	10.50	
		2523-6			102.90	108.20	113.40	118.70	10.50	
		2523-7			110.30	115.50	120.80	126.00	10.50	
	**2563** Arm Swivel Chair	2563-1	OVERALL: 33 H x 24 W x 24 D SEAT: 20 W x 19 D BACK: 16½ x 14 H SEAT HEIGHT: 17½ - 21	1 Chair 2 yds. 1 or more 1 yd. each chair	98.70	104.00	109.20	114.50	10.50	Shipped KDR 1 per Ctn. 43 lbs.
		2563-5			104.00	109.20	114.50	119.70	10.50	
		2563-6			109.20	114.50	119.70	125.00	10.50	
		2563-7			116.60	121.80	127.10	132.30	10.50	
	**2523-DO** Arm Swivel Chair Posture Back	2523-1-DO	OVERALL: 31½ H x 24½ W x 21¼ D SEAT: 20 W x 19 D BACK: 16½ W x 11 H SEAT HEIGHT: 17½ - 21	1 Chair 2 yds. 1 or more 1 yd. each chair	126.00	131.30	136.50	141.80	10.50	Shipped SUR 1 per Ctn. 63 lbs.
		2523-5-DO			131.30	136.50	141.80	147.00	10.50	
		2523-6-DO			136.50	141.80	147.00	152.30	10.50	
		2523-7-DO			143.90	149.10	154.40	159.60	10.50	
	**2553** Arm Swivel Chair Posture Back	2553-1	OVERALL: 31½ H x 24½ W x 21¼ D SEAT: 20 W x 19 D BACK: 17½ W x 14 H SEAT HEIGHT: 17½ - 21	1 Chair 2 yds. 1 or more 1 yd. each chair	157.50	162.80	168.00	173.30	10.50	Shipped SUR 1 per Ctn. 68 lbs.
		2553-5			162.80	168.00	173.30	178.50	10.50	
		2553-6			168.00	173.30	178.50	183.80	10.50	
		2553-7			175.40	180.60	185.90	191.10	10.50	

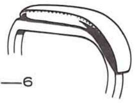
2500 SERIES PRICING SCHEDULE

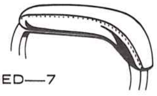
ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	SUGGESTED LIST PRICE FABRIC GROUP				LATEX FOAM SEAT ADD SUFFIX-X & PRICE BELOW	SHIPPING DATA
				1	2	3	4		
	**25C-24** Clerical Chair	OVERALL: 29 H x 18 W x 16 D SEAT: 17½ W x 14½ D BACK: 14½ W x 12 H SEAT HEIGHT: 17½ - 21	1 Chair 2 yds. 2 or more ¾ yd. each chair	70.40	73.50	76.70	79.80	8.40	Shipped KDR 1 per Ctn. 30½ lbs.
	**25C-24-DO** Clerical Chair Posture Back	OVERALL: 32 H x 18 W x 19 D SEAT: 17½ W x 14½ D BACK: 14½ W x 12 H SEAT HEIGHT: 17½ - 21	1 Chair 2 yds. 2 or more ¾ yd. each chair	86.10	89.30	92.40	95.60	8.40	Shipped KDR 1 per Ctn. 36½ lbs.
	**25C-22** Clerical Chair	OVERALL: 26 H x 18 W x 16 D SEAT: 17½ W x 14½ D BACK: 13 W x 8 H SEAT HEIGHT: 17½ - 21	1 Chair 2 yds. 2 or more ¾ yd. each chair	66.20	69.30	72.50	75.60	8.40	Shipped KDR 1 per Ctn. 29½ lbs.
	**25C-22-DO** Clerical Chair Posture Back	OVERALL: 29 H x 18 W x 19 D SEAT: 17½ W x 14½ D BACK: 13 W x 8 H SEAT HEIGHT: 17½ - 21	1 Chair 2 yds. 2 or more ¾ yd. each chair	81.90	85.10	88.20	91.40	8.40	Shipped KDR 1 per Ctn. 35½ lbs.

Alternate arm rests are priced on arm chairs as indicated by suffixes -1, -5, -6 and -7 which are illustrated below.


MOLDED PLASTIC—1


LIGHT PADDED—5


MEDIUM PADDED—6


HEAVY PADDED—7

Plastic arm rests are available in Ebony Black, Gray, Desert Sage and Mist Green. Unless specified, Cramer will furnish plastic color most suitable to overall chair colors.

Padded arm rests are upholstered in matching or blending vinyl.

Cloth upholstered arm rests are available and must be specified on order, add $9.50 to list price of padded arm chair.

Combination covers—Seat and back panels of cloth may be combined with boxing trim of vinyl materials. Specify CLOTH first for seat and back panels and VINYL second for boxing trim. When combination covers are selected from more than one group, use highest group price.

Satin aluminum base—016 Satin aluminum finish optionally available on swivel model chairs add $4.20 list. Specify 016 Satin Base and color of chair frame.

OPTIONAL CASTERS available in lieu of those specified above:
Ball-type carpet casters, add $8.40, specify P/N 1-1769
Spherical carpet casters, add $11.60, specify P/N 1-1770

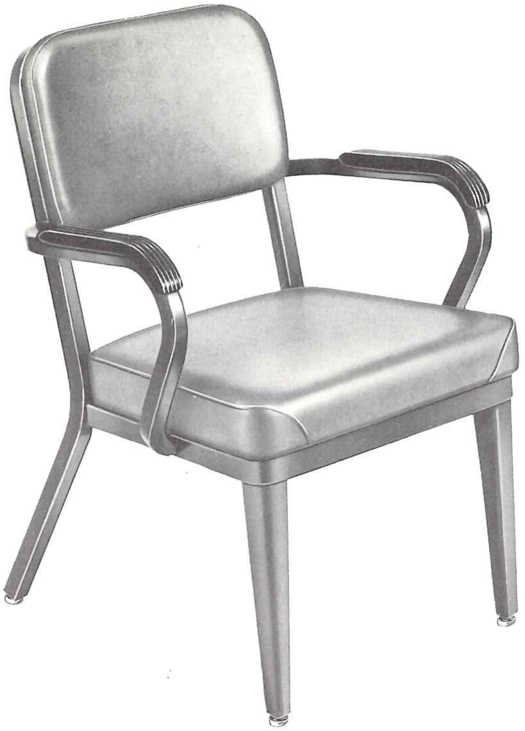
Packing—
Models 2500 and 2560 are packed 2 to a carton. For single pack, add $5.30 list.
Models 2562 and 2563 are packed knocked down. For set up pack, add $10.50 list.

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

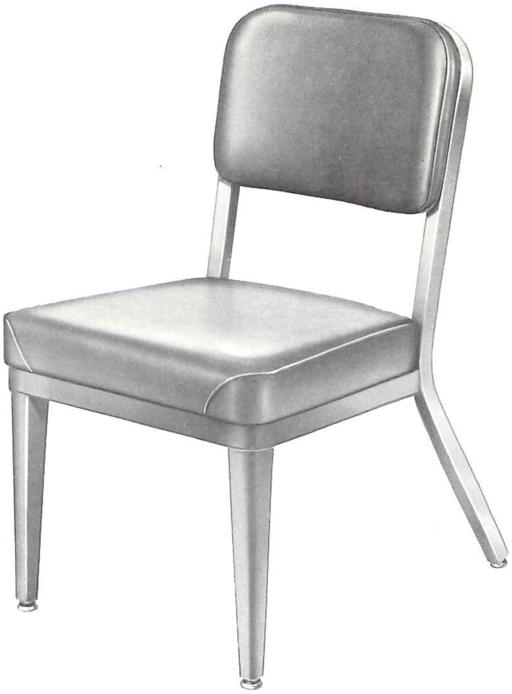
1800

1800

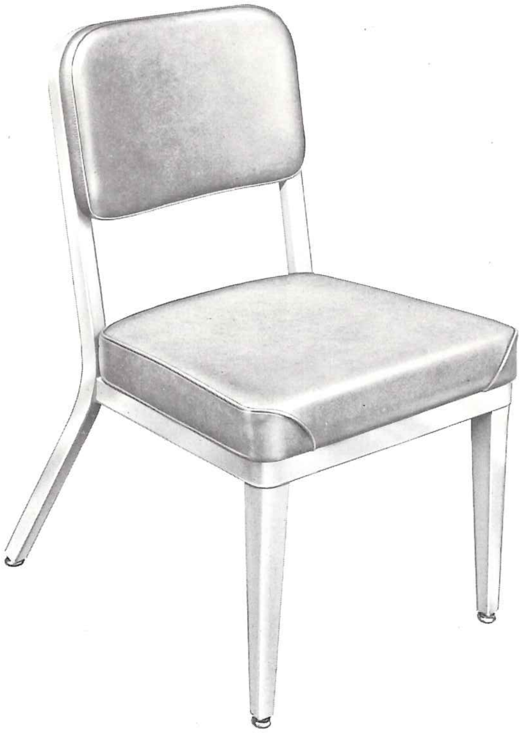
1800 SERIES BONANZA SEATING



1821-1



1800



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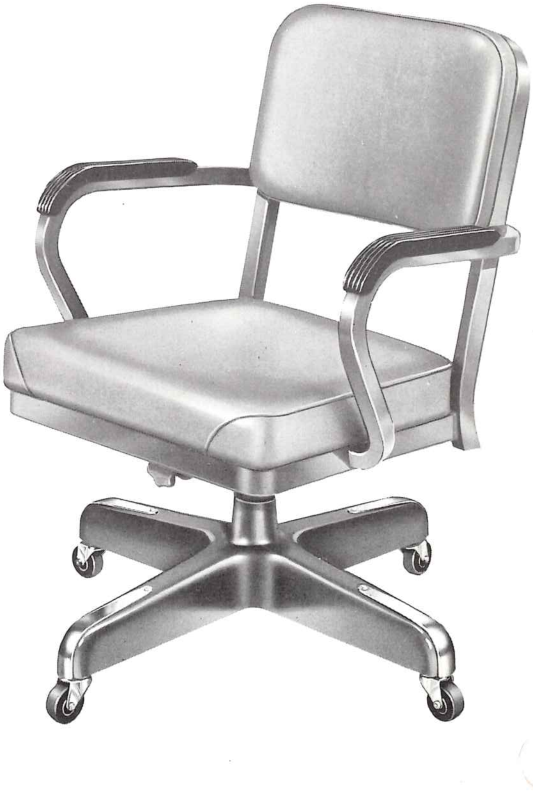
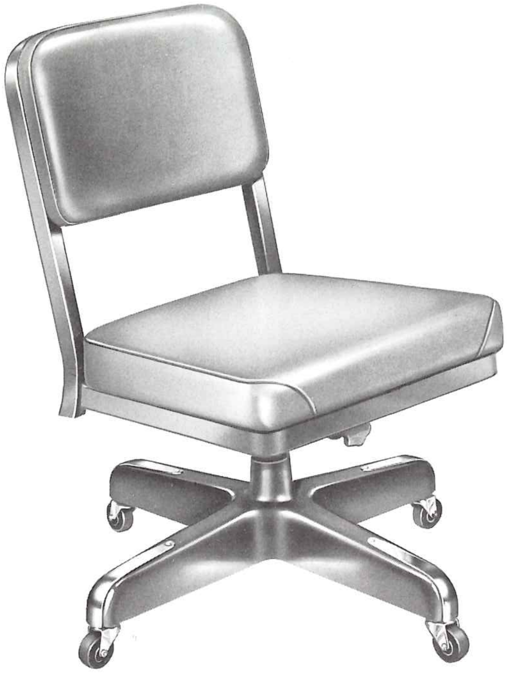
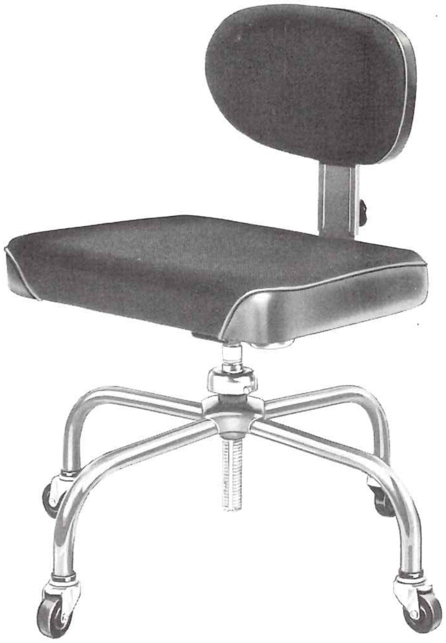


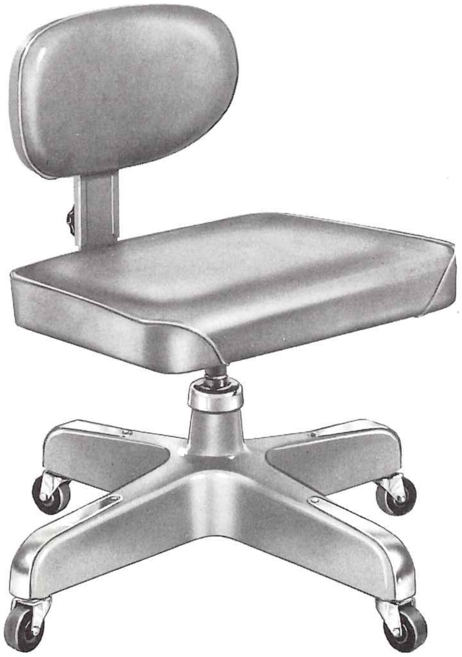
1823-1



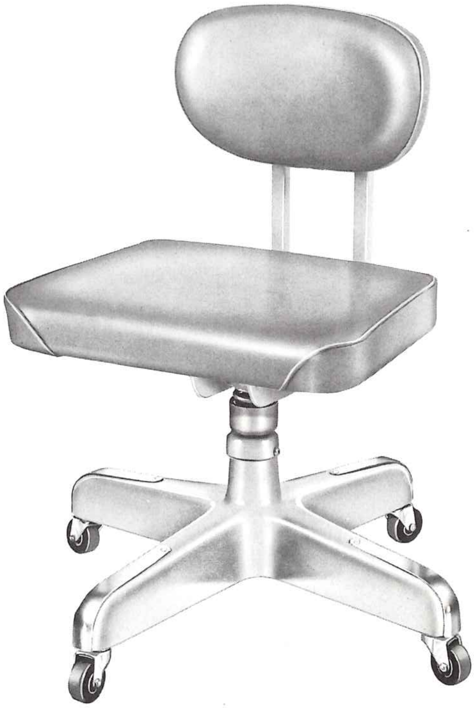
1822



18E-22



18C-22



18C-22-DO

1800 SERIES SPECIFICATIONS

UNI-TILT MECHANISM operating on compression springs, tilts seat and back simultaneously, giving easy-flowing titling action to body weight. Models 1822 and 1823.

ORTHO-TILT MECHANISM operating on compression springs, tilts the back only, giving spring tension and comfortable back angle for personal comfort. Model 18C-22-DO.

FLEX-BACK MECHANISM permits the back to move freely with the body and features full horizontal and vertical adjustment of the back rest to fit the height of the user. Model 18C-22.

DIE-CAST ALUMINUM BASE made of one piece casting with integrated steel caster sockets molded in the legs. Delrin plastic bearings provides oil-free swivel action in base hub.

NON-HOODED CASTERS provide easy mobility on all types of flooring due to 2″ diameter soft-tread wheels and heavy duty ball-bearings.

BALL-TYPE CASTERS recommended on carpet, having 2″ diameter soft-tread ball wheels that swivel on ball bearings, and are fully hooded. Optional on all models.

SPHERICAL-TYPE CASTERS leave no drag or scuff marks on carpet, having 2½″ diameter metal tread wheels. Due to Delrin plastic bearings, they never need lubricating and operate easily. Optional on all models.

PLASTIC ARM RESTS are molded of high-impact cycolac plastic, the color blending with the chair frame finish.

PADDED ARM RESTS are vinyl covered to harmonize or correspond with chair upholstery and are cushioned with foam that is available in light, medium or heavy padding.

REPLACEABLE COVERS add years of use by the removal of seat, back and arm covers for dry cleaning or individual replacement, easily by means of steel draw cables within the seat and back boxing. Each cover is part-numbered for positive identification.

FRAME CONSTRUCTION provides a strong and rigid unit as the heavy gauge tubular parts are accurately machined and securely welded together.

PIVOTAL GLIDES protects the floor as a special pivot collar makes the glide rest flat and quiet operation is assured as live rubber cushions the 15/16″ diameter hardened-steel plates. Bearclaw steel retainers anchor firmly in chair leg.

1800 SERIES SPECIFICATIONS

MODEL NO. AND REPLACEMENT COVERS	C.O.M.	OVERALL SIZE	FOAM THICKNESS		SEAT SIZE	BACK SIZE	SEAT HEIGHT	LEG SPREAD	INSIDE ARM CLEARANCE
			SEAT	BACK					
1800 Seat–P/N 3-2673 Back–P/N 5-705	1 Chair 2 yds. 2 or more 1 yd. each chair	33Hx18Wx21½D	3	1	17½Wx16Dx3½T	14Wx9½Hx1T	18	16Wx22D	
1820 Seat–P/N 3-2674 Back–P/N 5-707	1 Chair 2 yds. 2 or more 1 yd. each chair	33Hx21Wx21½D	3	1	20Wx19Dx3½T	16½Wx11Hx1T	16Wx22D	18	
1821 Seat–P/N 3-2674 Back–P/N 5-707	1 Chair 2 yds. 2 or more 1 yd. each chair	34Hx23Wx22½D	3	1	20Wx19Dx3½T	16½Wx11Hx1T	18	18Wx22½D	19½
1822 Sea P/N 3-2674 Ba P/N 5-707	1 Chair 2 yds. 2 or more 1 yd. each chair	33Hx21Wx21½D	3	1	20Wx19Dx3½T	16½Wx11Hx1T	17½-21	25	
1823 Seat–P/N 3-2674 Back–P/N 5-707	1 Chair 2 yds. 2 or more 1 yd. each chair	33Hx24Wx24D	3	1	20Wx19Dx3½T	16½Wx11Hx1T	17½-21	25	19½
18E-22 Seat–P/N 3-2675 Back–P/N 5-75	1 Chair 2 yds. 2 or more ¾ yd. each chair	26Hx18Wx16D	2½	1	17½Wx14½Dx2½T	13Wx8Hx1T	17½-21	22	
18C-22 Seat–P/N 3-2675 Back–P/N 5-75	1 Chair 2 yds. 2 or more ¾ yd. each chair	26Hx18Wx16D	2½	1	17½Wx14½Dx2½T	13Wx8Hx1T	17½-21	22	
18 22-DO Seat–P/N 3-2675 Back–P/N 5-75	1 Chair 2 yds. 2 or more ¾ yd. each chair	29Hx18Wx19D	2½	1	17½Wx14½Dx2½T	13Wx8Hx1T	17½-21	22	

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

1800 SERIES
SEATING
PRICE LIST

ZONE 1 • NUMBER 3272

F.O.B. PLANT, KANSAS CITY, KANSAS

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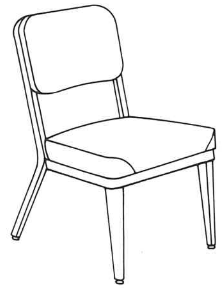
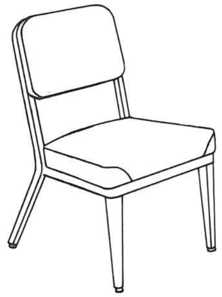
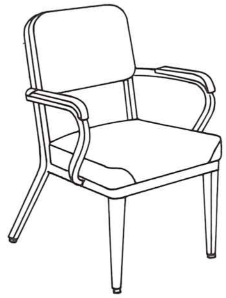
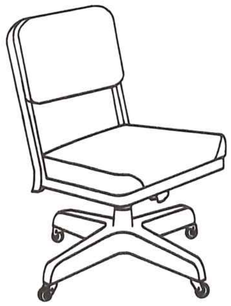
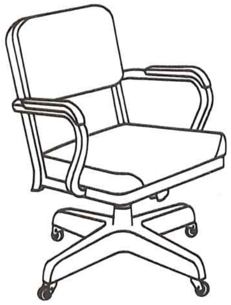
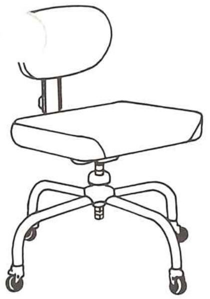
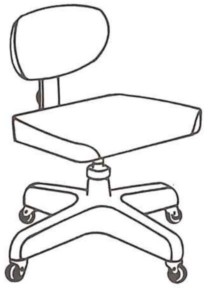
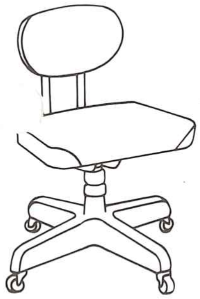
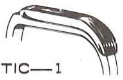
1800 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL No. AND DESCRIPTION		DIMENSIONS	C.O.M.	SUGGESTED LIST PRICE				SHIPPING DATA
					FABRIC GROUP				
					1	2	3	4	
	**1800** Small Side Chair		**OVERALL:** 33 H x 18 W x 21 ½ D **SEAT:** 17½ W x 16 D **BACK:** 14 W x 9½ H **SEAT HEIGHT:** 18	1 Chair 2 yds. 2 or more 1 yd. each Chair	38.90	44.10	49.40	53.60	Shipped SUS 2 per ctn. 38 lbs. Single Pack 24 lbs.
	**1820** Large Side Chair		**OVERALL:** 33 H x 21 W x 21½ D **SEAT:** 20 W x 19 D **BACK:** 16½ W x 11 H **SEAT HEIGHT:** 18	1 Chair 2 yds. 2 or more 1 yd. each Chair	45.20	50.40	55.70	60.90	Shipped SUS 2 per Ctn. 42 lbs. Single Pack 26 lbs.
	**1821** Side Arm Chair	**1821-1**	**OVERALL:** 34 H x 23 W x 22½ D **SEAT:** 20 W x 19 D **BACK:** 16½ W x 11 H **SEAT HEIGHT:** 18	1 Chair 2 yds. 2 or more 1 yd. each Chair	51.50	56.70	62.00	67.20	Shipp[illegible]US 1 per Ctn. 32 lbs.
		1821-5			56.70	62.00	67.20	72.50	
		1821-6			62.00	67.20	72.50	77.70	
		1821-7			69.30	74.60	79.80	85.10	
	**1822** Armless swivel chair		**OVERALL:** 33 H x 22 W x 24 D **SEAT:** 20 W x 19 D **BACK:** 16½ W x 11 H **SEAT HEIGHT:** 17½ - 21	1 Chair 2 yds. 2 or more 1 yd. each Chair	73.50	78.80	84.00	89.30	Shipped KDR 1 per Ctn. 40 lbs.
	**1823** Swivel Arm Chair	**1823-1**	**OVERALL:** 33 H x 24W x 24 D **SEAT:** 20 W x 19 D **BACK:** 16½ W x 11 H **SEAT HEIGHT:** 17½ - 21	1 Chair 2 yds. 2 or more 1 yd. each Chair	78.80	84.00	89.30	94.50	Shipped KDR 1 per Ctn. 43 lbs.
		1823-5			84.00	89.30	94.50	99.80	
		1823-6			89.30	94.50	99.80	105.00	
		1823-7			96.60	101.90	107.10	112.40	

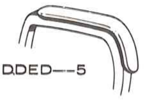
1800 SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	SUGGESTED LIST PRICE				SHIPPING DATA
				FABRIC GROUP				
				1	2	3	4	
	**18E-22** Clerical Chair Tubular Base	**OVERALL:** 26 H x 18 W x 16 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 17½ - 21	1 Chair 2 yds. 2 or more ¾ yd. each Chair	44.10	47.30	50.40	53.60	Shipped KDR 1 per Ctn. 26 lbs.
	**18C-22** Clerical Chair	**OVERALL:** 26 H x 18 W x 16 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 17½ - 21	1 Chair 2 yds. 2 or more ¾ yd. each Chair	53.60	56.70	59.90	63.00	Shipped KDR 1 per Ctn. 30 lbs.
	**18C-22-DO** Clerical Chair Posture Back	**OVERALL:** 29 H x 18 W x 19 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 17½ - 21	1 Chair 2 yds. 2 or more ¾ yd. each Chair	69.30	72.50	75.60	78.80	Shipped KDR 1 per Ctn. 36 lbs.

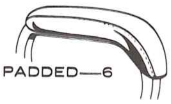
Alternate arm rests are priced above on arm chairs as indicated by suffixes -1, -5, -6 and -7 which are illustrated below:



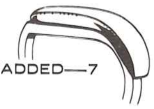
MOLDED PLASTIC—1



LIGHT PADDED—5



MEDIUM PADDED—6



HEAVY PADDED—7

Padded arms upholstered in matching or blending vinyl. For cloth upholstered arms, add $9.50 list to price of padded arm chair.

Combination covers
Seat and back rest panels of cloth may be combined with boxing trim of vinyl materials. Specify CLOTH first for seat and back panels and VINYL second for boxing trim. When combination covers are selected from more than one group, use highest group price.

Satin aluminum base
016 Satin aluminum finish optionally available on swivel models 1822, 1823, 18C-22 and 18C-22-DO, add $4.20 list. Specify 016 Satin base and color of chair frame.

OPTIONAL CASTERS available in lieu of those specified above:
Ball-type carpet casters, add $8.40, specify P/N 1-1769
Spherical carpet casters, add $11.60, specify P/N 1-1770

Packing
Models 1800 and 1820 are packed 2 to a carton—$5.30 list extra for single pack.
Models 1822 and 1823 are shipped Knocked Down; for Set up pack, add $10.50 list.

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

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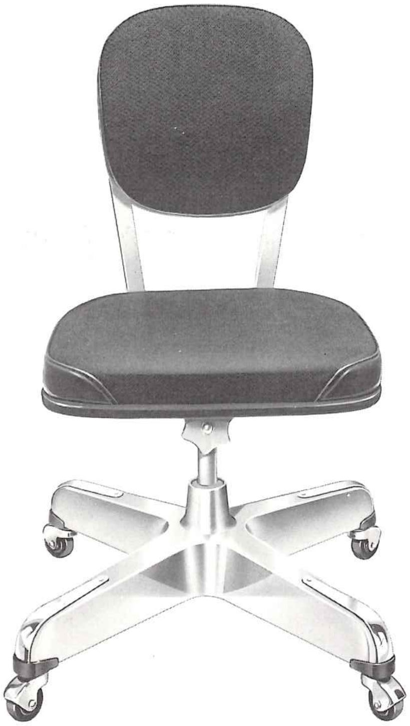
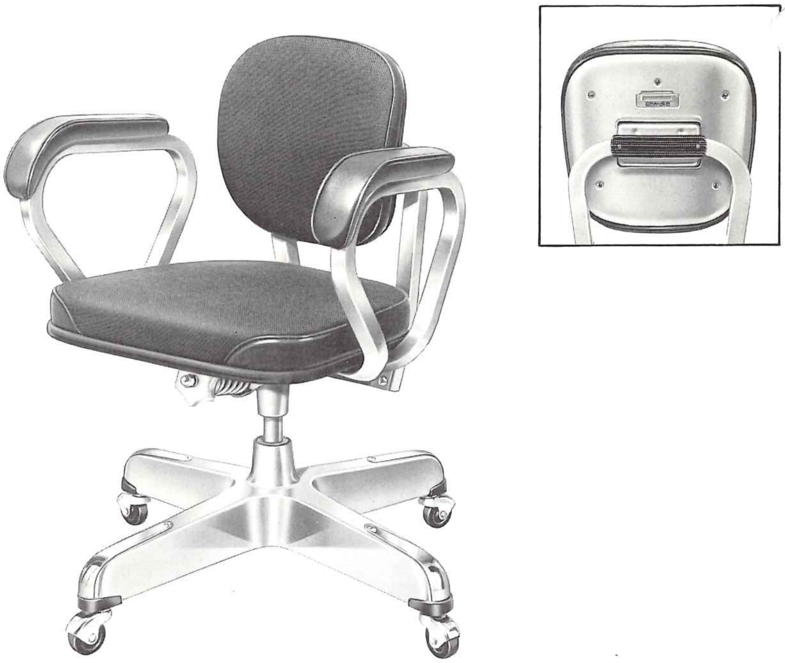
AUE SERIES POSTURE SEATING

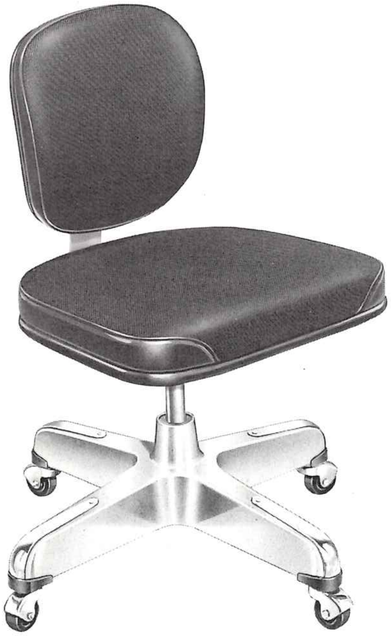
CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS



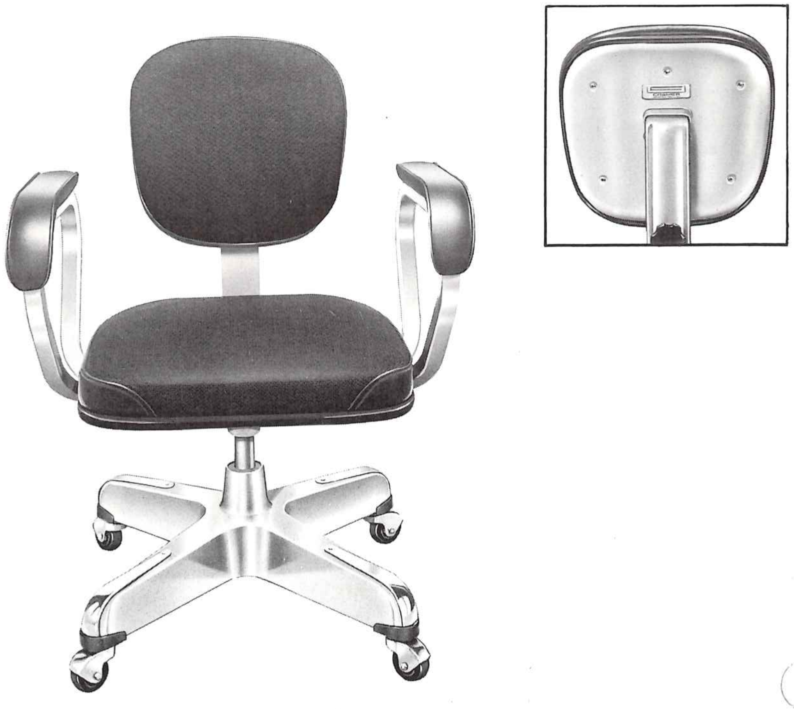
A-33M-DO



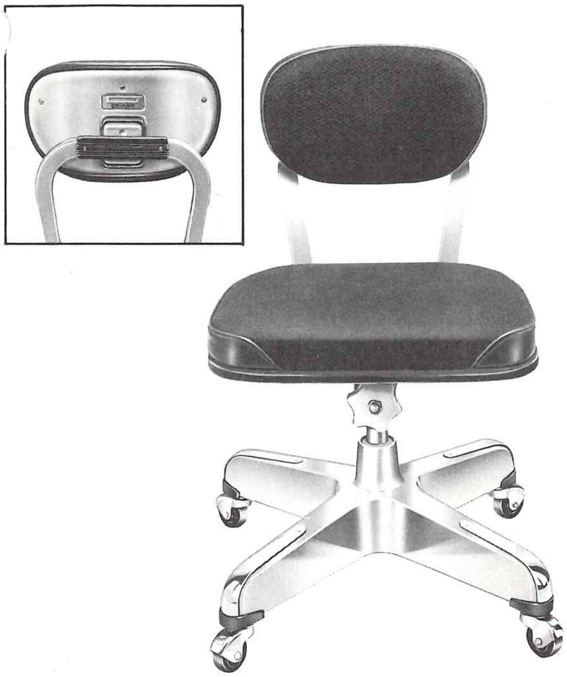
A-336M-DO



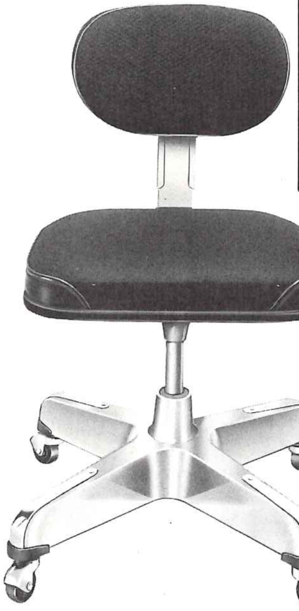
A-33M



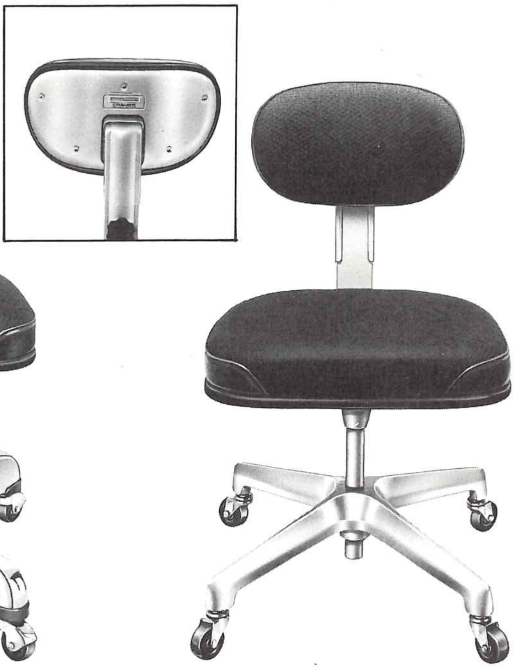
A-336M



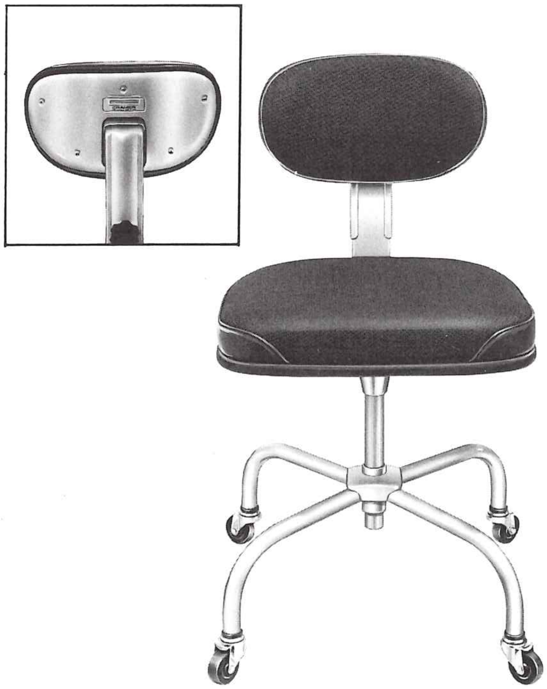
A-22M-DO



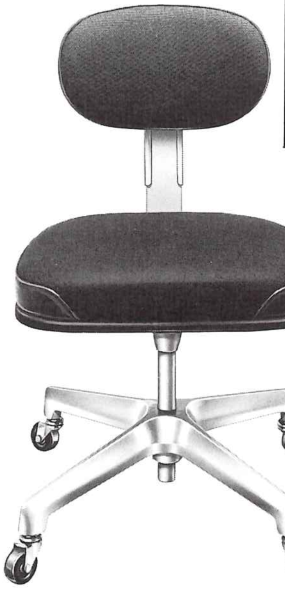
A-22M



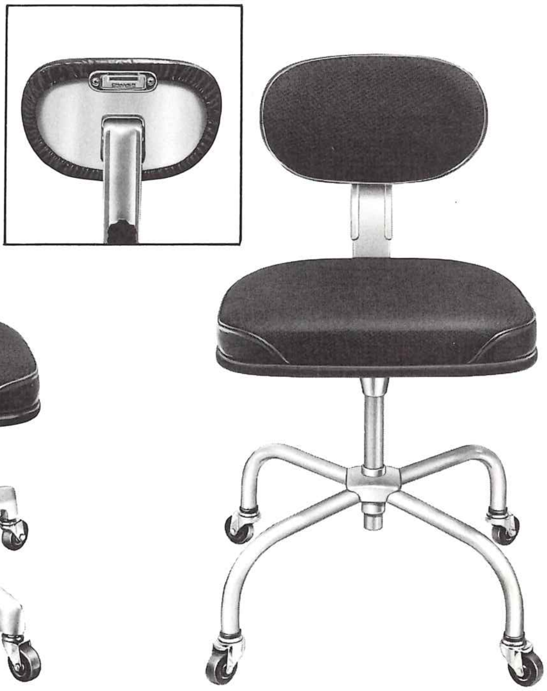
MA-U-22M



U-22M



MA-E-22M



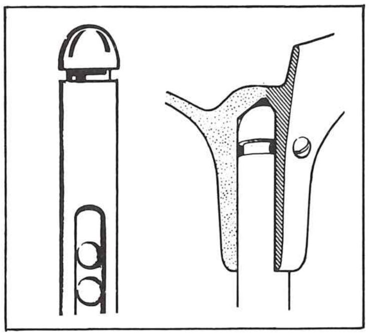
E-22M

AUE SERIES SPECIFICATIONS

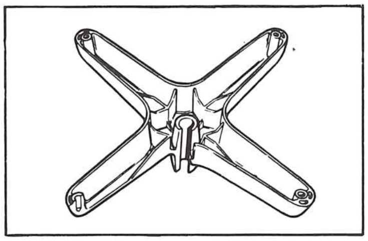
MODEL No. AND REPLACEMENT COVERS	C.O.M.	OVERALL SIZE	FOAM THICKNESS		SEAT SIZE	BACK SIZE	SEAT HEIGHT	LEG SPREAD	INSIDE ARM CLEARANCE
			SEAT	BACK					
A-22M Seat—3-73 Back—5-75	1 Chair 1½ yds. 2 or more ¾ yd. each chair	29 H x 20 W x 20 D	2½	1	17½ W x 14½ D	13 W x 8 H	17-21	22	
A-33M Seat—3-154 Back—5-146	1 Chair 1½ yds. 2 or more ¾ yd. each chair	31 H x 20 W x 20 D	2½	1¼	17½ W x 16½ D	12 W x 13 H	17-21	22	19
A-331M **A-335M** **A-336M** **A-337M** Seat—3-154 Back—5-146	1 Chair 1½ yds. 2 or more ¾ yd. each chair	32 H x 24 W x 22 D	2½	1¼	17½ W x 16½ D	12 W x 13 H	18-22½	22	19
A-22M-DO Seat—3-73 Back—5-75	1 Chair 1½ yds. 2 or more ¾ yd. each chair	33 H x 20 W x 22 D	2½	1	17½ W x 14½ D	13 W x 8 H	18-22	22	
A-33M-DO Seat—3-154 Back—5-146	1 Chair 1½ yds. 2 or more ¾ yd. each chair	35 H x 20 W x 22 D	2½	1¼	17½ W x 16½ D	12 W x 13 H	18-22½	22	19
A-331M-DO **A-335M-DO** **A-336M-DO** **A-337M-DO** Seat—3-154 Back—5-146	1 Chair 1½ yds. 2 or more ¾ yd. each chair	35 H x 24 W x 22 D	2½	1¼	17½ W x 16½ D	12 W x 13 H	18-22½	22	19
U-22M Seat—3-73 Back—5-75	1 Chair 1½ yds. 2 or more ¾ yd. each chair	29 H x 18 W x 18 D	2½	1	17½ W x 14½ D	13 W x 8 H	17¾-22½	22	
MA-U-22M Seat—3-73 Back—5-75	1 Chair 1½ yds. 2 or more ¾ yd. each chair	29 H x 18 W x 18 D	2½	1	17½ W x 14½ D	13 W x 8 H	17¾-22½	22	
E-22M Seat—3-73 Back—5-75	1 Chair 1½ yds. 2 or more ¾ yd. each chair	29 H x 18 W x 18 D	2½	1	17½ W x 14½ D	13 W x 8 H	17¾-22½	22	
MA-E-22M Seat—3-73 Back—5-75	1 Chair 1½ yds. 2 or more ¾ yd. each chair	29 H x 18 W x 18 D	2½	1	17½ W x 14½ D	13 W x 8 H	17¾-22½	22	

AUE SERIES SPECIFICATIONS

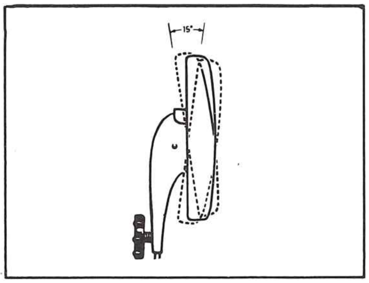
SPINDLE — The Cramer sealed-bearing swivel mechanism consists of a non-revolving spindle, 1⅛″ in diameter and a heavy cast aluminum bearing housing or spider, in which a generous supply of moly-type lubricant is packed. The seat revolves on the specially designed tip of the fixed spindle, eliminating wobble and retaining the original smooth, trouble-free revolving seat action after years of service.



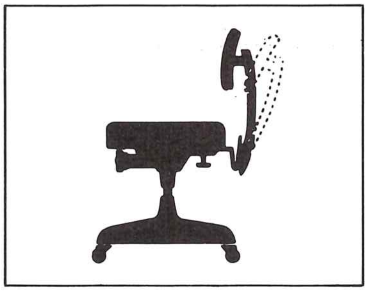
DIE CAST ALUMINUM BASE is one-piece casting with steel caster sockets integrally molded in the legs. This scientifically designed structure, thick-walled and generously ribbed for extraordinary strength, durability and quiet operation, is enhanced and protected by stainless steel scuff plates and plastic leg guards. Ball bearing casters provide easy mobility.



FLEX-BACK MECHANISM lets back flex in live action and permits full horizontal and vertical adjustment of back rest to correct posture for any user.

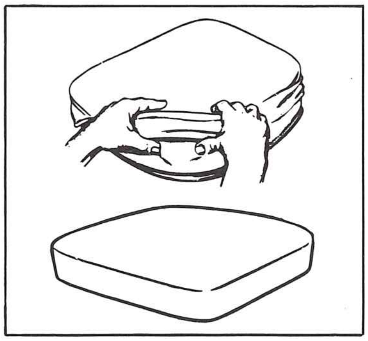


ORTHO-TILT MECHANISM tilts the back only on a compression spring. Spring tension may be adjusted to user's choice.



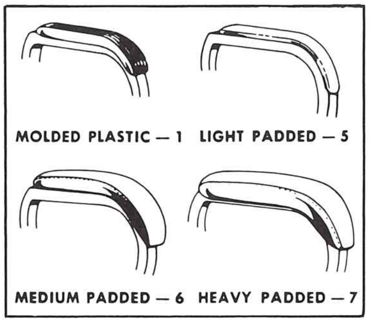
REPLACEABLE COVERS—Seat, back and arm covers may be removed on the job for dry cleaning or replacement by means of steel draw cables within the seat and back boxing. Each cover is part numbered for proper identification. Cramer offers upholstery in a wide selection of quality fabrics and colors to reflect the mood of any office.

FOAM CUSHIONING—Generous cushion thickness and controlled density ensures correct posture and excellent comfort.



PLASTIC ARM RESTS are injection molded, high impact, cycolac plastic. Colors harmonize with chair frame finish.

PADDED ARM RESTS are foam cushioned and vinyl covered to match or blend with the chair upholstery. Available in light, medium or heavy padding.



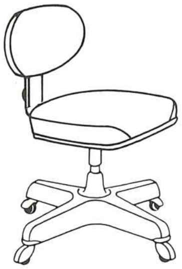
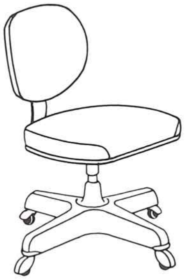
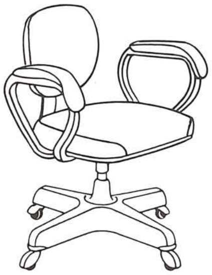
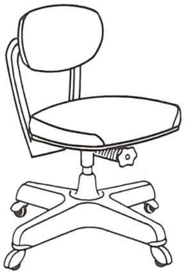
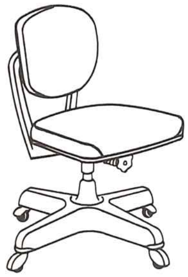
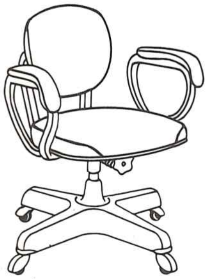
CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

ALUMINEASE
UTILITY-ECONOMY
SERIES CHAIRS
PRICE LIST

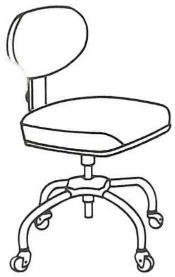
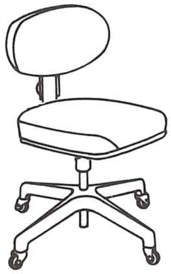
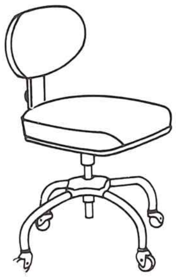
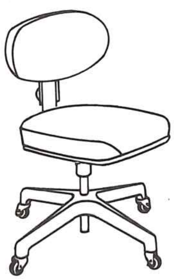
ZONE 1 • NUMBER 3272
F.O.B. PLANT, KANSAS CITY, KANSAS
PRICES AND SPECIFICATIONS
SUBJECT TO CHANGE WITHOUT NOTICE

CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 · 621-6700

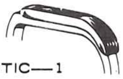
ALUMINEASE SERIES PRICING SCHEDULE

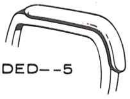
ILLUSTRATION	MODEL No. AND DESCRIPTION		DIMENSIONS	C.O.M.	SUGGESTED LIST PRICE FABRIC GROUP				SHIPPING DATA
					1	2	3	4	
	**A-22M** Flex Back Steno Chair		**OVERALL:** 29 H x 20 W x 20 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 17-21	1 Chair 1½ yds. 2 or more ¾ yd. each chair	89.30	92.40	95.60	98.70	Shipped KDR 1 per Ctn. 30 lbs.
	**A-33M** Flex Back Clerical Chair		**OVERALL:** 31 H x 20 W x 20 D **SEAT:** 17½ W x 16½ D **BACK:** 12 W x 13 H **SEAT HEIGHT:** 17-21	1 Chair 1½ yds. 2 or more ¾ yd. each chair	97.70	100.80	104.00	107.10	Shipped KDR 1 per Ctn. 36 lbs.
	**A-331M** Flex Back Swivel Arm Chair	**A-331M**	**OVERALL:** 32 H x 24 W x 22 D **SEAT:** 17½ W x 16½ D **BACK:** 12 W x 13 H **SEAT HEIGHT:** 18-22½	1 Chair 1½ yds. 2 or more ¾ yd. each chair	123.90	127.10	130.20	133.40	Shipped KDR 1 per Ctn. 44 lbs.
		A-335M			129.20	132.30	135.50	138.60	
		A-336M			134.40	137.60	140.70	143.90	
		A-337M			141.80	144.90	148.10	151.20	
	**A-22M-DO** Tilt Back Steno Chair		**OVERALL:** 33 H x 20 W x 22 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 18-22	1 Chair 1½ yds. 2 or more ¾ yd. each chair	106.10	109.20	112.40	115.50	Shipped KDR 1 per Ctn. 39 lbs.
	**A-33M-DO** Tilt Back Clerical Chair		**OVERALL:** 35 H x 20 W x 22 D **SEAT:** 17½ W x 16½ D **BACK:** 12 W x 13 H **SEAT HEIGHT:** 18-22½	1 Chair 1½ yds. 2 or more ¾ yd. each chair	114.50	117.60	120.80	123.90	Shipped KDR 1 per Ctn. 45 lbs.
	A-331M-DO Tilt Back Swivel Arm Chair	A-331M-DO	**OVERALL:** 35 H x 24 W x 22 D **SEAT:** 17½ W x 16½ D **BACK:** 12 W x 13 H **SEAT HEIGHT:** 18-22½	1 Chair 1½ yds. 2 or more ¾ yd. each chair	140.70	143.90	147.00	150.20	Shipped KDR 1 pe[illegible]n. 53 [illegible]
		A-335M-DO			146.00	149.10	152.30	155.40	
		A-336M-DO			151.20	154.40	157.50	160.70	
		A-337M-DO			158.60	161.70	164.90	168.00	

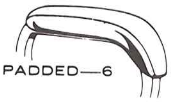
3272 UTILITY ECONOMY SERIES PRICING SCHEDULE E-2

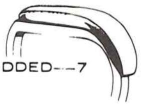
ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	SUGGESTED LIST PRICE FABRIC GROUP				SHIPPING DATA
				1	2	3	4	
	**U-22M** Flex Back Steno Chair Tubular Base	**OVERALL:** 29 H x 18 W x 18 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 17¾-22½	1 Chair 1½ yds. 2 or more ¾ yd. each chair	71.40	74.60	77.70	80.90	Shipped KDR 1 per Ctn. 27 lbs.
	**MA-U-22M** Steno Chair Modern Aluminum Base Double Plate Back Latex Foam Cushions	**OVERALL:** 29 H x 18 W x 18 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 17¾-22½	1 Chair 1½ yds. 2 or more ¾ yd. each chair	78.80	81.90	85.10	88.20	Shipped KDR 1 per Ctn. 26 lbs.
	**E-22M** Flex Back Steno Chair Tubular Base	**OVERALL:** 29 H x 18 W x 18D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 17¾-22½	1 Chair 1½ yds. 2 or more ¾ yd. each chair	53.60	56.70	59.90	63.00	Shipped KDR 1 per Ctn. 25½ lbs.
	**MA-E-22M** Flex Back Steno Chair Modern Aluminum Base	**OVERALL:** 29 H x 18 W x 18 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 17¾-22½	1 Chair 1½ yds. 2 or more ¾ yd. each chair	60.90	64.10	67.20	70.40	Shipped KDR 1 per Ctn. 24½ lbs.

Alternate arm rests are priced above on arm chairs as indicated by suffixes -1, -5, -6 and -7 which are illustrated below:


MOLDED PLASTIC—1


LIGHT PADDED--5


MEDIUM PADDED—6


HEAVY PADDED--7

Padded arms upholstered in matching or blending vinyl. For cloth upholstered arms, add $9.50 list to price of padded arm chair.

Combination covers—Seat and back rest panels of cloth may be combined with boxing trim of vinyl materials. Specify CLOTH first for seat and back panels and VINYL second for boxing trim. When combination covers are selected from more than one group, use highest group price.

Finish treatment—Choice of satin aluminum or baked enamel colors in "A" group. Satin aluminum finish optional on base only of Model MA-U-22M and MA-E-22M, add $4.20. Specify full description of FRAME FINISH and TYPE and COLOR of UPHOLSTERY ON YOUR ORDER.

OPTIONAL CASTERS available in lieu of those specified above:
Ball-type carpet casters, add $8.40, specify P/N 1-1769
Spherical carpet casters, add $11.60, specify P/N 1-1770

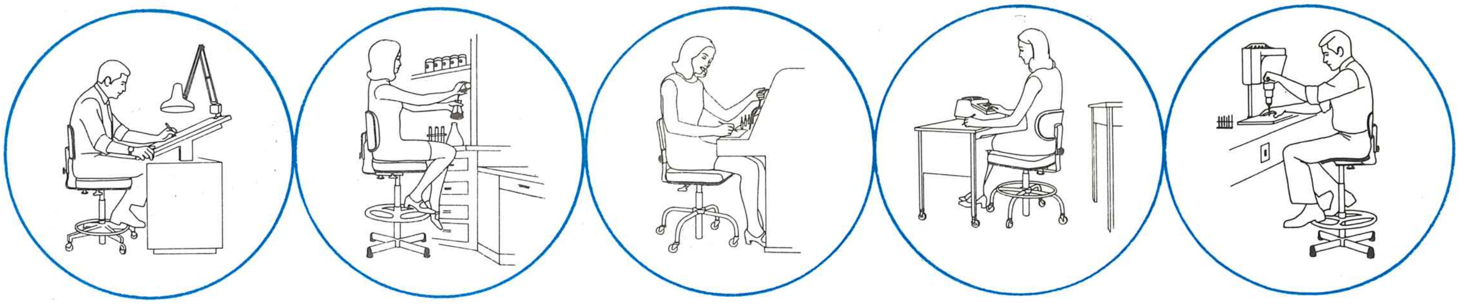
CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

HI MODEL

H I - MODEL

AUTO-LIFT
SEATING

AUTO-LIFT



From draftsmen to laboratory technicians and students to telephone operators to secretaries to factory workers

The use of Auto-Lift® is limited only to your imagination

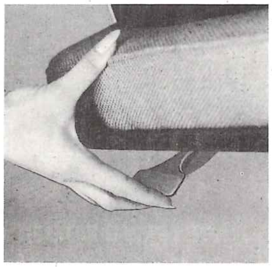
Here's convenience in seating you only dreamed about until now. We call it Auto-Lift seat height adjustment mechanism. It's another proven, creative innovation by our designers and engineers at Cramer.

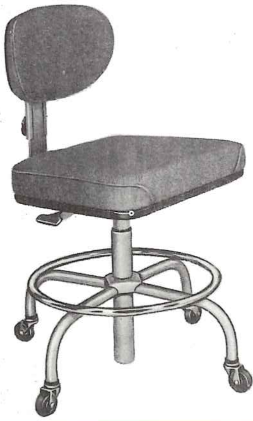
Auto-Lift instantly raises or lowers the seat to the exact position you desire without getting off the chair. Safety, freedom of maintenance, durability, fast and easy adjustment of Auto-Lift gives proper posture and optimum productivity. Whatever the job type or individual needs, you have a chair that can be used in any exacting application.

To operate Auto-Lift

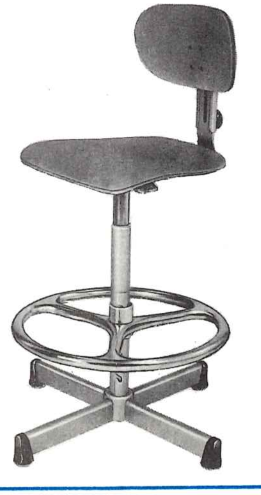
Down: While remaining seated, lift lever, your weight automatically lowers seat, release lever.

Up: Lift lever, raise yourself, seat automatically follows, release lever.

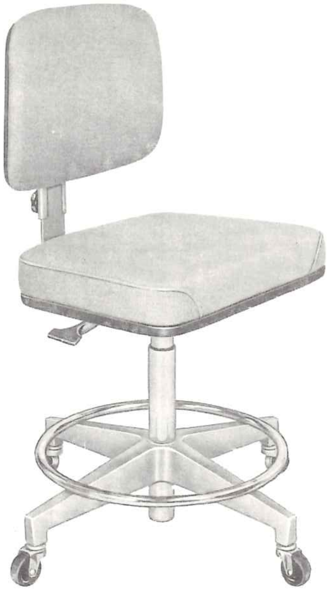




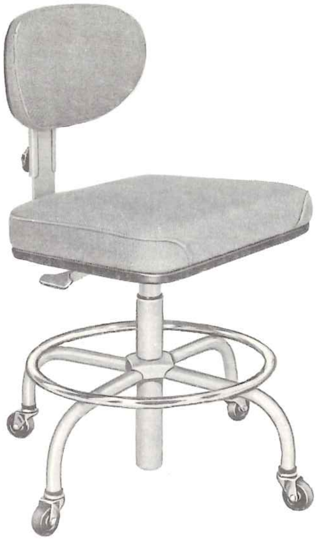
Auto-Lift is available on models illustrated on the following pages:



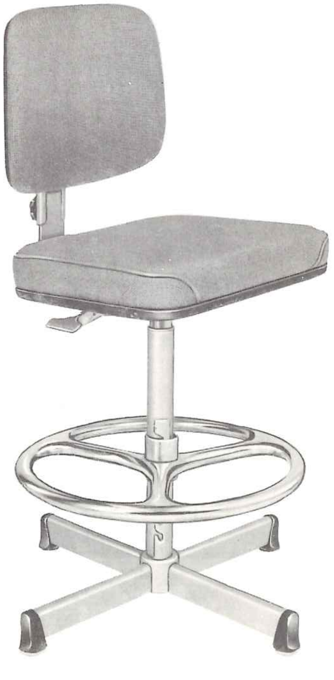
®Auto-Lift is Patented and Registered



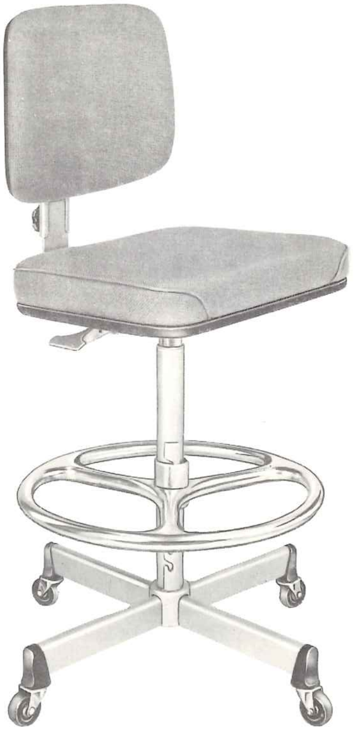
251G-24-C-FR-AL



251U-22-C-FR-AL

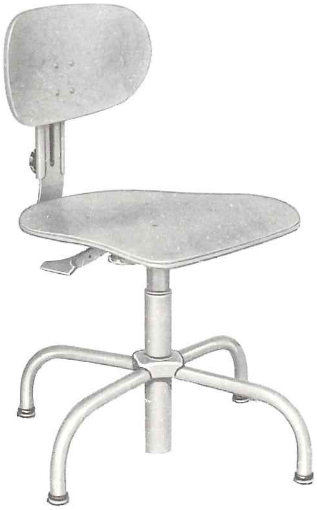


255-24-FR-AL

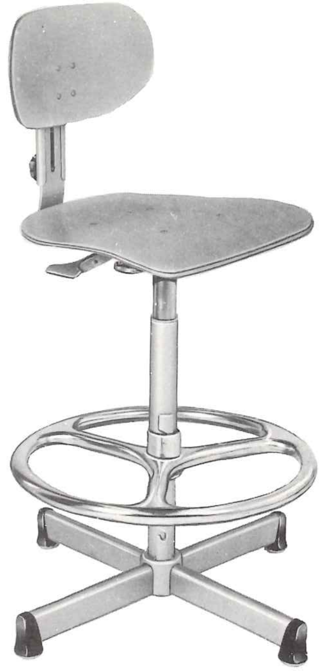


255-24-C-FR-AL

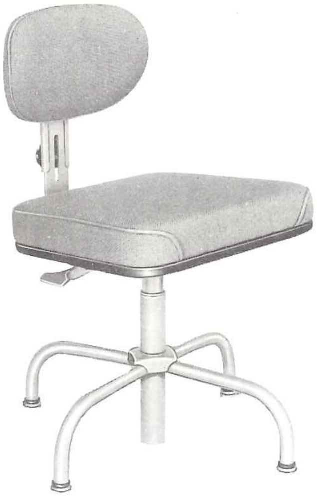
For specifications refer to HI MODEL section on pages K-05-06-07. For seat specifications refer to page K-06, paragraph 4.



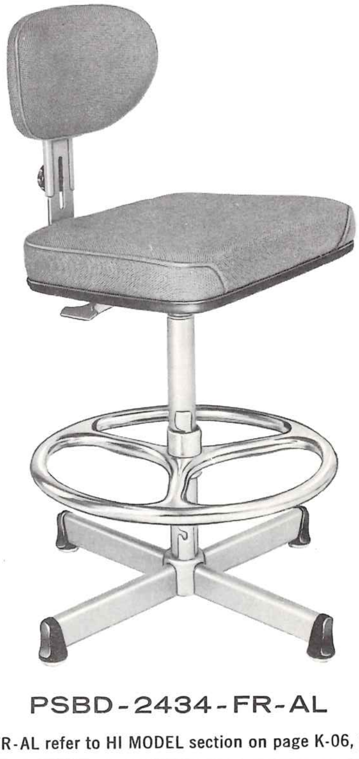
PW-1623-AL



PWD-2232-FR-AL



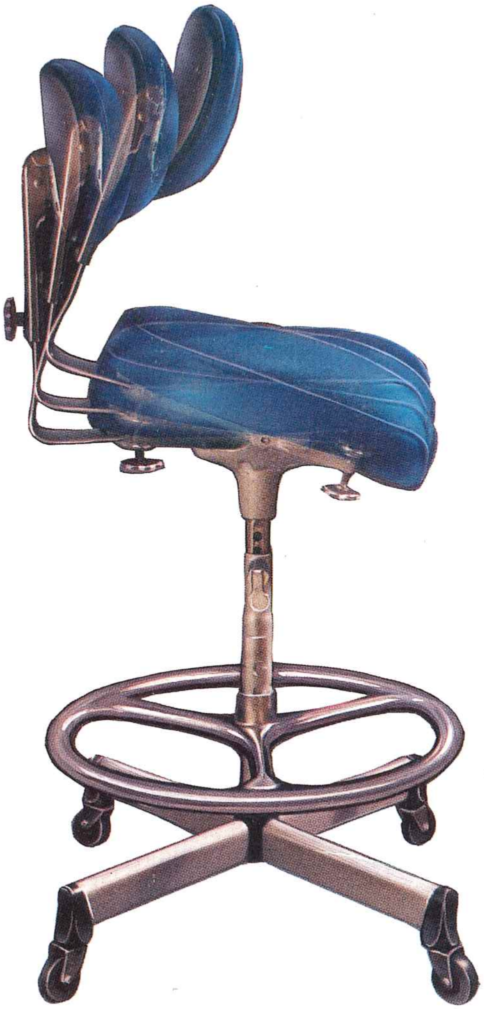
PSB-1825-AL

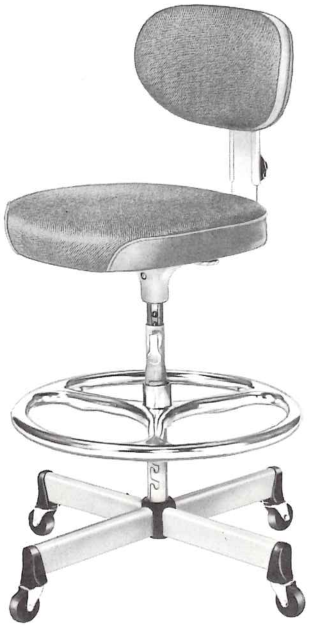


PSBD-2434-FR-AL

For specifications refer to I & I section on pages L-07-08-09. For seat specifications on PSB-1825-AL & PSBD-2434-FR-AL refer to HI MODEL section on page K-06, paragraph 4.

HI-MODEL SERIES
SEATING

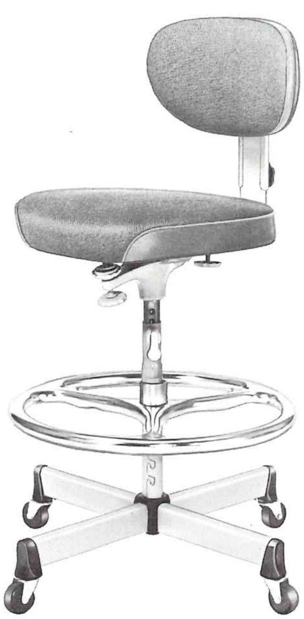




4D-22M-C

Seat Height 24-33

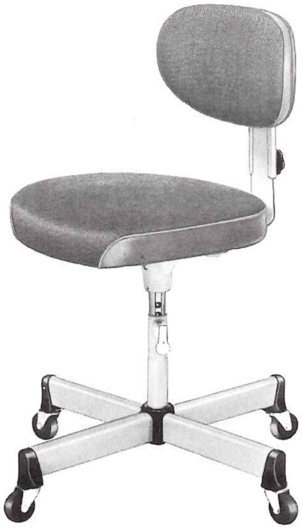
4D-22M with glides 22-31
Specification Key Paragraphs
1, 5, 6, 12, 15, 17, 18
Pages K-05-06-07



4D-22M-TC

Seat Height 24-33

4D-22M-T with glides 22-31
Specification Key Paragraphs
1, 5, 7, 12, 15, 17, 18
Pages K-05-06-07



4LD-22M-C

Seat Height 19-25

4LD-22M with glides 17-23
Specification Key Paragraphs
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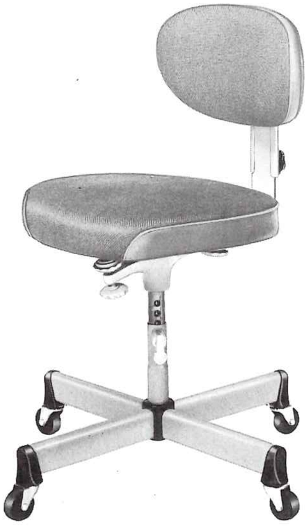
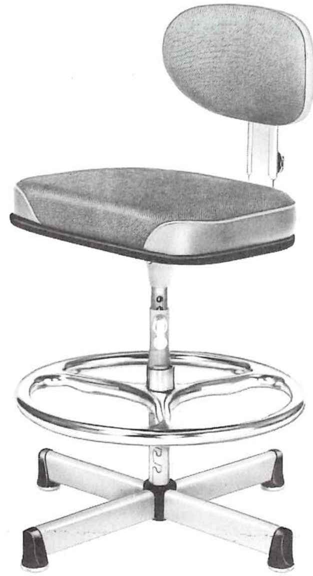
Pages K-05-06-07



4LD-22M-TC

Seat Height 19-25

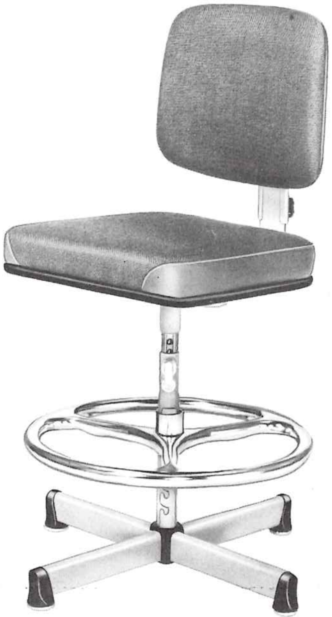
4LD-22M-T with glides 17-23
Specification Key Paragraphs
1, 5, 7, 12, 15, 17, 18
Pages K-05-06-07



4E-22M

Seat Height 22-31

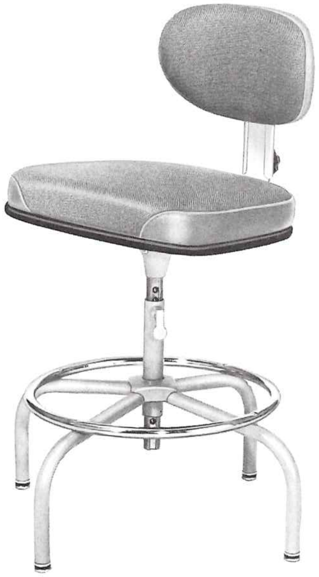
4E-22M-C with casters 24-33
Specification Key Paragraphs
1, 5, 8, 12, 14, 17, 18
Pages K-05-06-07



255-24

Seat Height 22-31

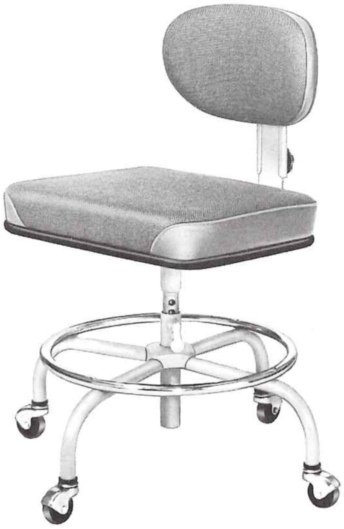
255-24-C with casters 24-33
Specification Key Paragraphs
1, 5, 9, 12, 16B, 17, 18
Pages K-05-06-07



6E-22M

Seat Height 22-31

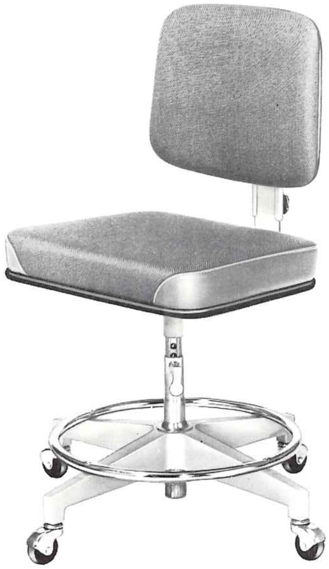
6E-22M-C with casters 24-33
Specification Key Paragraphs
2, 5, 8, 12, 14, 17, 18
Pages K-05-06-07



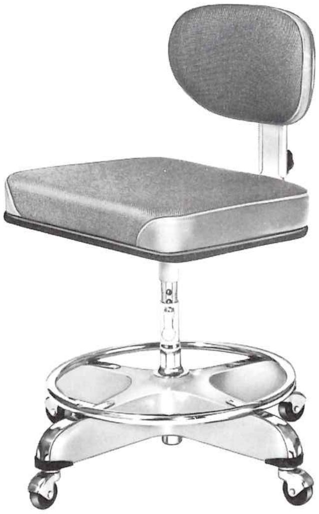
251U-22

Seat Height 18-25

Specification Key Paragraphs
2, 5, 9, 12, 15, 17, 18
Pages K-05-06-07



251G-24
Seat Height 18-25
Specification Key Paragraphs
4, 5, 9, 12, 16B, 17, 18
Pages K-05-06-07



251C-22
Seat Height 18-25
Specification Key Paragraphs
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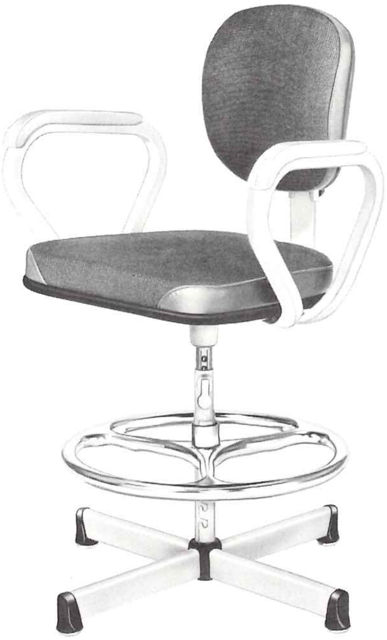
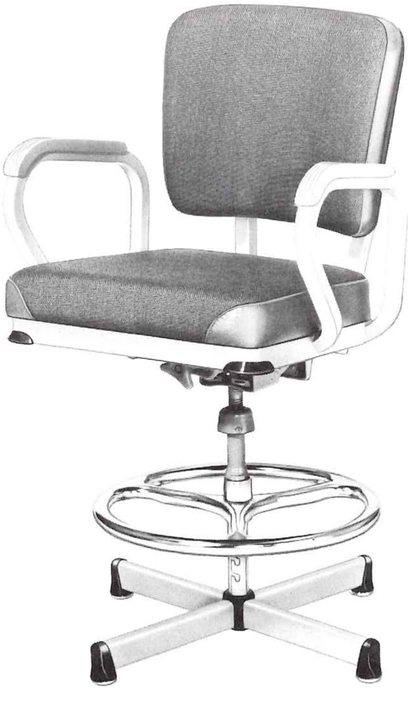
Pages K-05-06-07



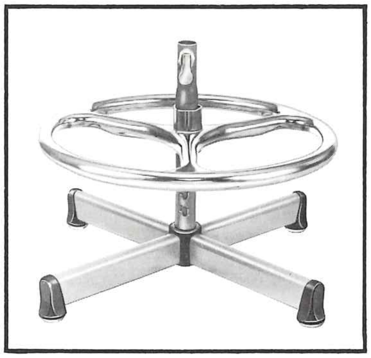
4D-A331M
Seat Height 22-31
4D-A331M-C with casters 24-33
Specification Key Paragraphs
1, 10, 12, 16A, 17, 18
Pages K-05-06-07



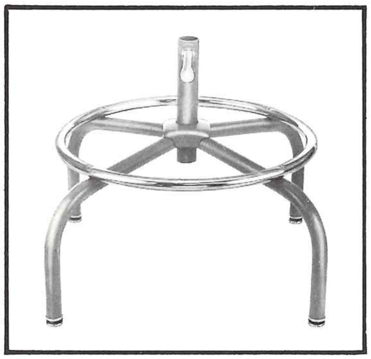
4D-2553-1
Seat Height 25-29
4D-2553-1-C with casters 27-31

Specification Key Paragraphs
1, 11, 13, 16C, 17, 18
Pages K-05-06-07

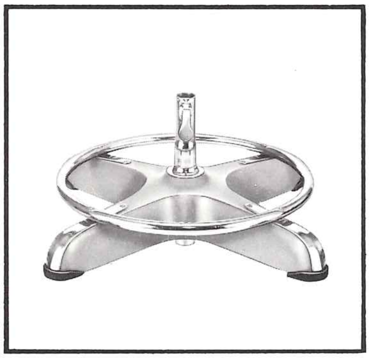
HI-MODEL SPECIFICATIONS



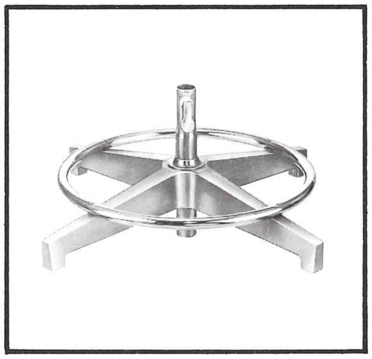
Tubular steel legs 1 x 2 x 18 ga. are welded to steel barrel 1 7/16 OD x 14 ga., welded joint is covered with molded plastic cap. Top 3 inches of barrel are swaged to 1⅛ ID to accurately receive seat support spindle. Leg tips are closed with molded polypropylene plastic protective bumper sockets which receive plated 1½ diameter hardened steel rubber cushioned glides or 2 inch ball bearing casters. Rev-Lok chrome plated footring is one piece 14 ga. steel stamping, welded to specially shaped 10 ga. steel hub engaging slotted strip on post which makes footring adjustable by simple revolving action. Base spread is 22 inches measured diagonally. Footring is 19 inch diameter and adjusts 5 - 11 inches off floor with glides, 7 - 13 inches with casters. Models with prefix 4LD when equipped with footring has a fixed height of 4 inches with glides, 6 inches with casters.



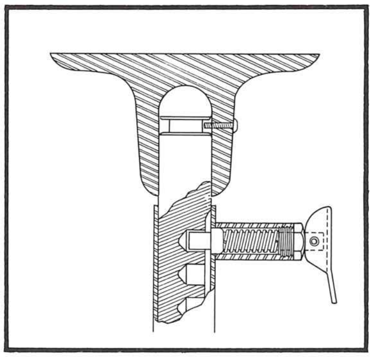
Tubular steel legs 1 OD x 14 ga. are welded to steel barrel 1 7/16 OD x 14 ga., welded joint is further reinforced with welded-on 14 ga. steel cap. Top 3 inches of barrel are swaged to 1⅛ diameter to accurately receive the seat support spindle. Chrome plated fixed footring is ¾ OD x 16 ga. steel tubing, securely fastened to legs with hardened steel screws. Plated 1 1/16 diameter hardened steel rubber cushioned glides or 2 inch ball bearing casters retained by molded polypropylene sockets are optionally available. Base spread is 22 inches measured diagonally. Fixed footring is 17 inch diameter, 9½ inches off the floor with glides, 11½ inches with casters.



Massive styled aluminum base is one piece die casting with steel caster sockets integrally molded within the legs. Post is 1 7/16 OD x 14 ga. steel tubing provided with welded-on collar, pressed fit into base hub. Top 3 inches of post are swaged to 1⅛″ inside diameter accurately receive seat support spindle. Chrome plated fixed footring is ¾ OD x 16 ga. steel tubing securely fastened to legs with hardened steel screws. Formed stainless steel scuff plates mount on leading surfaces of legs and each leg is provided with protective plastic bumpers. Base spread is 22 inches measured diagonally. Fixed footring is 17 inch diameter, 6½ inches off the floor.



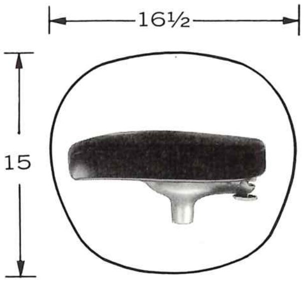
Trim styled aluminum base is one piece die casting. Steel sockets, integrally molded within the legs, receive 2 inch ball-bearing casters. Post is 1 7/16 OD x 14 ga. steel tubing provided with welded-on collar, pressed fit into base hub. Top 3 inches of post are swaged to 1⅛″ inside diameter accurately receive seat support spindle. Chrome plated fixed footring is ¾ OD x 16 ga. steel tubing securely fastened to legs with hardened steel screws. Base spread is 22 inches measured diagonally. Fixed footring is 17 inch diameter, 6 inches off the floor.



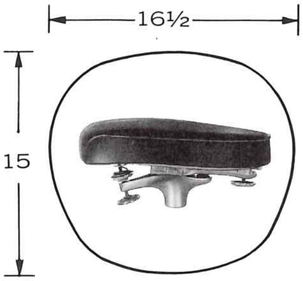
Adjust-A-Lok plunger screws into ⅝ OD x 16 gage steel tubing welded into base barrel. Finger tip lever actuates 7/16 inch diameter spring-loaded steel plunger pin, providing fast and safe, instantly up or down seat height adjustment at 11/16 increments. Thirty pound compression spring automatically engages plunger pin into spindle holes ensuring positive adjustment. Benefits: Safety, durability, fast adjustment.

HI-MODEL SPECIFICATIONS

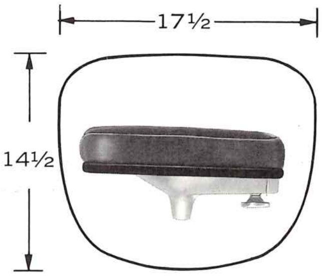
Oval-shaped contoured seat pan and bearing housing spider are heavy cast aluminum, securely unitized with steel rivets. Spider is precision machined to receive and rotate upon the fixed 1⅛ diameter spindle. Factory packed moly lubricant in bearing housing ensures wobble-free seat rotation and freedom of maintenance. Genuine latex foam cushion 2½ inches thick gives ultimate comfort contouring to anyone's posture. All-around internal rubber bumper protects upholstery from seat pan edge.



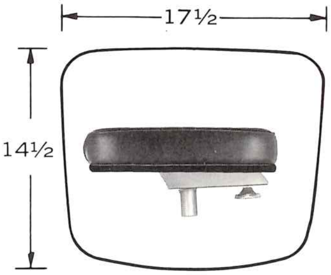
Oval-shaped contoured seat pan and bearing housing spider are heavy cast aluminum, securely unitized with steel rivets. Spider is precision machined to receive and rotate upon the fixed 1⅛ diameter spindle. Factory packed moly lubricant in bearing housing ensures wobble-free seat rotation and freedom of maintenance. Genuine latex foam cushion 2½ inches thick gives ultimate comfort contouring to anyone's posture. All-around internal bumper protects upholstery from seat pan edge. Special spider arm and seat hinge casting permit controlled forward tilting action of entire seat and back, adjustable up to 20 degrees of tilt and perfectly balances to anyone's weight with adjustable spring control—gives maximum relief from underleg pressure when leaning over drafting table.



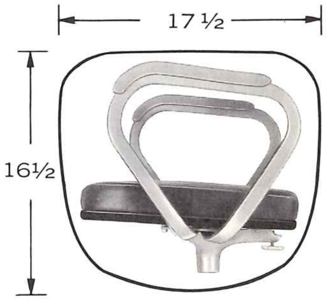
Radiused corner seat is uniquely designed incorporating a seat pan, bearing housing spider, upright retaining channel and bumper groove, all into a one-piece aluminum casting. Bearing housing is precision machined to receive and rotate upon the fixed 1⅛ diameter spindle. Factory packed moly lubricant in bearing housing ensures wobble-free seat rotation and freedom of maintenance. Virgin polyurethane foam cushion 2½ inches thick gives ideal comfort contouring to anyone's posture. All-around external bumper protects upholstery and furniture from bumping.



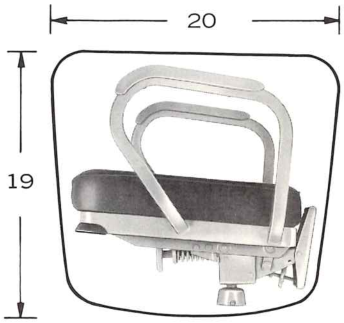
Radiused corner seat is comprised of seat pan, bumper retainer rim and upright/spindle bearing channel, all heavy gage steel stampings unitized into a single assembly by welding. Delrin bearings, contained within the steel tubular hub and welded to the seat channel, are accurately machined to receive and rotate upon the fixed 1⅛ diameter spindle. Factory packed moly lubricant in bearing housing ensures wobble-free seat rotation and freedom of maintenance. Virgin polyurethane foam cushion 2½ inches thick gives ideal comfort, contouring to anyone's posture. All-around external bumper protects upholstery and furniture from bumping.



Radiused corner seat pan and bearing housing spider are heavy cast aluminum, securely unitized with steel rivets. Spider is precision machined to receive and rotate upon the fixed 1⅛ diameter spindle. Factory packed moly lubricant in bearing housing ensures wobble-free seat rotation and freedom of maintenance. Genuine latex foam cushion 2½ inches thick gives ultimate comfort contouring to anyone's posture. All-around internal rubber bumper protects upholstery and furniture from bumping. Arms are formed tubular steel 1 x 1 x 16 ga. securely bolted to seat pan, your selection of four arm rests illustrated in price list.



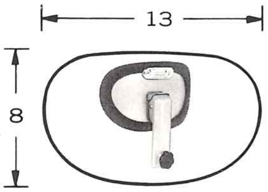
Deluxe seat is comprised of heavy gage steel seat pan and channel frame with compensating ortho-tilt mechanism which tilts the seat automatically as the back reclines in a balanced action on adjustable double compression springs. A threaded steel spindle, anchored to the seat, rotates freely in the base post and has a threaded collar for seat height adjustment. Virgin polyurethane foam cushion 3 inches thick gives ideal comfort contouring to anyone's posture. Plastic bumpers on front corners of seat frame protect upholstery and furniture from bumping. Arms are formed tubular steel 1 x 1 x 16 ga. securely welded to seat frame, your selection of four arm rests illustrated in price list.



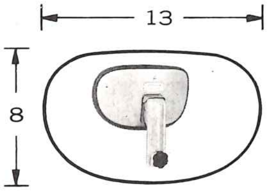
HI-MODEL SPECIFICATIONS

Single post "L" shaped upright is die-formed 2¼W x 3/16T heat treated steel. Flexes to normal body action, provides correct, comfortable posture. Hardened steel rings on ends of seat and back handwheel studs, imbed into upright surface giving positive locking position of back rest. Combination of upright and handwheels provide 3 inches of horizontal and vertical adjustment to the back rest.

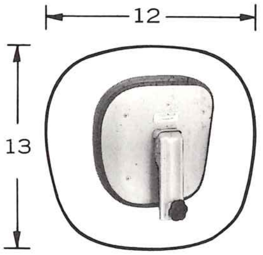
Double post "U" shaped upright is formed of single piece 1⅛ x 1⅛ x 16 ga. steel tubing and is securely bolted at top to pivoting back box and at bottom to seat tilting mechanism.



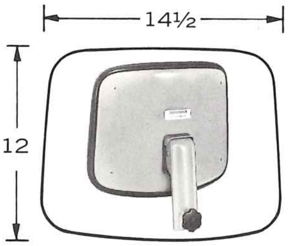
Single plate back rest is die-formed to 13 inch inside radius of 16 ga. sheet steel to which is welded a pivoting back box assembly die-formed of 14 ga. sheet steel. The spring balanced back box pivots to the normal action range of the user, automatically returning to a correct posture position. One inch polyurethane foam cushion gives real comfort, all-around internal bumper protects upholstery and name plate ensures user's identification, department, etc.



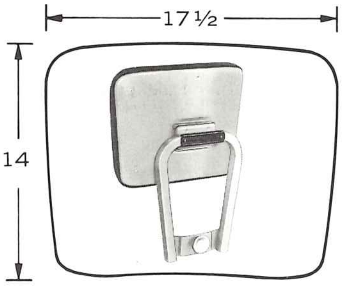
Double plate back rest is comprised of an inner back plate die-formed to 13 inch inside radius of 18 ga. sheet steel and an outer back plate die-formed of 18 ga. sheet steel to which is welded a pivoting back box assembly die-formed of 14 ga. sheet steel. The spring-balanced back box pivots to the normal action range of the user, automatically returning to a correct posture position. One inch latex foam cushion gives superior comfort, all-around bumpers on both inner and outer back plates protect upholstery and other furniture. Name plate ensures user's identification, department, etc.



The following specification applies to the three back types above which vary only in size. Double plate back rest is comprised of a contoured heavy gage steel inner back plate and an outer back plate die-formed of 18 ga. sheet steel to which is welded a pivoting back box assembly die-formed of 14 ga. sheet steel. The spring-balanced back box pivots to the normal action range of the user, automatically returning to a correct posture position. One inch foam cushion gives superior comfort, all-around bumpers on both inner and outer back plates protect upholstery and furniture. Name plate ensures user's identification, department, etc.



Replaceable upholstery covers are double stitched with multi-filament nylon thread. Seat covers have welted seams and waterfall styled front boxing preventing discomfort and premature wear. Multi-strand steel cables stitched within seams make attachment positive, tamper-proof and yet detachable for economical replacement on the job with factory made covers, all parts numbered for easy identification.



Metal frame is chemically cleaned, metallic phosphate coated and dried in multi-stage high pressure, high temperature conveyorized 360 degree spray and dry system and then enamel coating is electrostatically applied and baked under automatic control giving the finest adhesion of durable finishes. All footrings are commercial grade bright chrome finish.

HI-MODEL SERIES

PRICE LIST

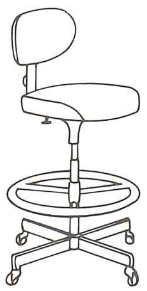
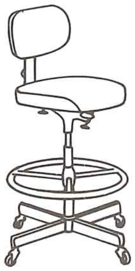
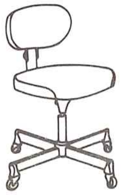
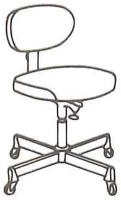
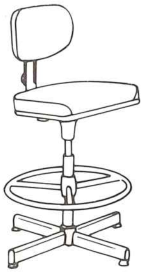
ZONE 1 • NUMBER 3272

F.O.B. PLANT, KANSAS CITY, KANSAS

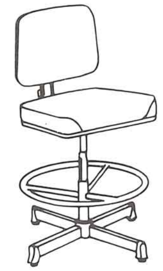
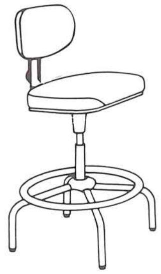
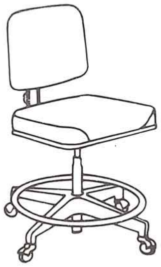
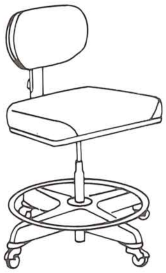
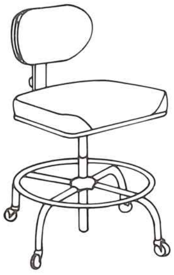
PRICES AND SPECIFICATIONS
SUBJECT TO CHANGE WITHOUT NOTICE

CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 · 621-6700

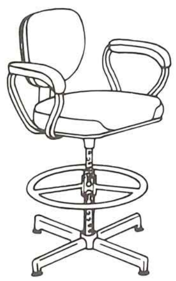
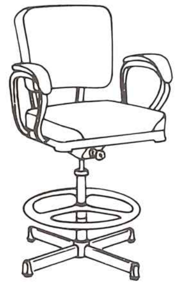
HI-MODEL SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	SUGGESTED LIST PRICE FABRIC GROUP				SHIPPING DATA
				1	2	3	4	
	**4D-22M** With Glides	OVERALL: 34 H x 19 W x 20 D SEAT: 16½ W x 15 D BACK: 13 W x 8 H SEAT HEIGHT: 4D-22M 22-31 4D-22M-C 24-33	1 Chair 1½ yds. 2 or more ¾ yds. each chair	90.30	93.50	96.60	99.80	Shipped KDR 39 lbs.
	4D-22M-C With Casters			94.50	97.70	100.80	104.00	Shipped KDR 40 lbs.
	**4D-22M-T** With Tilt Seat & Glides	OVERALL: 34 H x 19 W x 20 D SEAT: 16½ W x 15 D BACK: 13 W x 8 H SEAT HEIGHT: 4D-22MT 22-31 4D-22M-TC 24-33	1 Chair 1½ yds. 2 or more ¾ yds. each chair	93.50	96.60	99.80	102.90	Shipped KDR 40 lbs.
	4D-22M-TC With Tilt Seat & Casters			97.70	100.80	104.00	107.10	Shipped KDR 41 lbs.
	**4LD-22M** Low Model Draftsman's Chair with Glides	OVERALL: 28 H x 19 W x 20 D SEAT: 16½ W x 15 D BACK: 13 W x 8 H SEAT HEIGHT: 4LD-22M 17-23 4LD-22M-C 19-25	1 Chair 1½ yds. 2 or more ¾ yds. each chair	83.00	86.10	89.30	92.40	Shipped KDR 29 lbs.
	4LD-22M-C Low Model Draftsman's Chair with Casters			87.20	90.30	93.50	96.60	Shipped KDR 30 lbs.
	**4LD-22M-T** Low Model Draftsman's Chair with Tilt Seat & Glides	OVERALL: 28H x 19 W x 20 D SEAT: 16½ W x 15 D BACK: 13 W x 8 H SEAT HEIGHT: 4LD-22M-T 17-23 4LD-22M-TC 19-25	1 Chair 1½ yds. 2 or more ¾ yds. each chair	86.10	89.30	92.40	95.60	Shipped KDR 30 lbs.
	4LD-22M-TC Low Model Draftsman's Chair with Tilt Seat & Casters			90.30	93.50	96.60	99.80	Shipped KDR 31 lbs.
	**4E-22M** With Glides	OVERALL: 34 H x 19 W x 20 D SEAT: 17½ W x 14½ D BACK: 13 W x 8 H SEAT HEIGHT: 4E-22M 22-31 4E-22M-C 24-33	1 Chair 1½ yds. 2 or more ¾ yds. each chair	77.70	80.90	84.00	87.20	Shipped KDR 36 lbs.
	4E-22M-C With Casters			81.90	85.10	88.20	91.40	Shipped KDR 37 lbs.

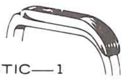
HI-MODEL SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	SUGGESTED LIST PRICE FABRIC GROUP				SHIPPING DATA
				1	2	3	4	
	**255-24** Glides	**OVERALL:** 36 H x 20 W x 20 D **SEAT:** 17½ W x 14½ D **BACK:** 14½ W x 12 H **SEAT HEIGHT:** 255-24 22-31 255-24-C 24-33	1 Chair 2 yds. 2 or more 1 yd. each chair	87.20	90.30	93.50	96.60	Shipped KDR 41 lbs.
	255-24-C Casters			91.40	94.50	97.70	100.80	Shipped KDR 42 lbs.
	**6E-22M** With Glides	**OVERALL:** 36 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 6E-22M 22-31 6E-22M-C 24-33	1 Chair 1½ yds. 1 Chair ¾ yds.	58.80	62.00	65.10	68.30	Shipped KDR 32 lbs.
	6E-22M-C With Casters			64.10	67.20	70.40	73.50	Shipped KDR 33 lbs.
	**251G-24** Casters	**OVERALL:** 32 H x 20 W x 20 D **SEAT:** 17½ W x 14½ D **BACK:** 14½ W x 12 H **SEAT HEIGHT:** 18-25	1 Chair 2 yds. 2 or more 1 yd. each chair	96.60	99.80	102.90	106.10	Shipped KDR 32 lbs.
	**251C-22** Casters	**OVERALL:** 30 H x 20 W x 20 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 18-25	1 Chair 1½ yds. 2 or more ¾ yds. each chair	79.80	83.00	86.10	89.30	Shipped KDR 35 lbs.
	**251U-22** Casters	**OVERALL:** 30 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 18-25	1 Chair 1½ yds. 2 or more ¾ yds. each chair	66.20	69.30	72.50	75.60	Shipped KDR 32 lbs.

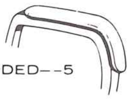
HI-MODEL SERIES PRICING SCHEDULE

ILLUSTRATION	MODEL No. AND DESCRIPTION		DIMENSIONS	C.O.M.	SUGGESTED LIST PRICE FABRIC GROUP				SHIPPING DATA
	**4D-A-331M** With Standard Casters, Model 4D-A-331M-C add $4.00	4D-A-331M	**OVERALL:** 41 H x 24 W x 22 D **SEAT:** 17½ W x 16½ D **BACK:** 12 W x 13 H **SEAT HEIGHT:** 22-31 With Casters 24-33	1 Chair 2 yds. 2 or more 1 yd. each chair	130.20	133.40	136.50	139.70	Shipped KDR 49 lbs.
		4D-A-335M			135.50	138.60	141.80	144.90	
		4D-A-336M			140.70	143.90	147.00	150.20	
		4D-A-337M			148.10	151.20	154.40	157.50	
	**4D-2553** With Standard Casters, Model 4D-2553-1-C add $4.00	4D-2553-1	**OVERALL:** 43 H x 24 W x 22 D **SEAT:** 20 W x 19 D **BACK:** 17 W x 14 H **SEAT HEIGHT:** 25-29 With Casters 27-31	1 Chair 2 yds. 2 or more 1 yd. each chair	200.60	203.70	206.90	210.00	Shipped SUR 75 lbs.
		4D-2553-5			205.80	209.00	212.10	215.30	
		4D-2553-6			211.10	214.20	217.40	220.50	
		4D-2553-7			218.40	221.60	224.70	227.90	

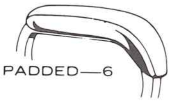
Alternate arm rests are priced above on arm chairs as indicated by suffixes -1, -5, -6 and -7 which are illustrated below:



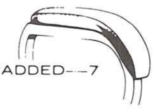
MOLDED PLASTIC—1



LIGHT PADDED--5



MEDIUM PADDED—6



HEAVY PADDED--7

Padded arms upholstered in matching or blending vinyl. For cloth upholstered arms, add $9.50 list to price of padded arm chair.

OPTIONS:

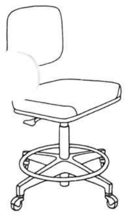
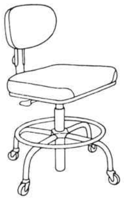
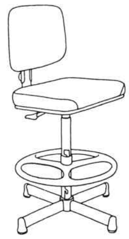
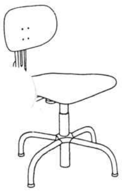
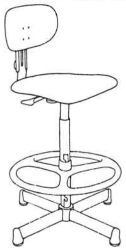
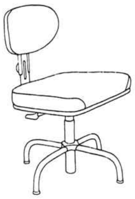
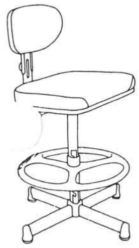
Combination covers—Seat and back rest panels of cloth may be combined with boxing trim of vinyl materials. Specify CLOTH first for seat and back and VINYL second for boxing trim. When combination covers are selected from more than one group, use highest group price.

Footring available on Models 4LD-22M, 4LD-22M-C, 4LD-22M-T and 4LD-22M-TC. Add $8.40 and Suffix FR to Model Number.

Bright chrome finish, commercial grade available on all models, add suffix CH and $12.60. Exception: Add $18.90 for model 4D-A331M. Not available on Model 4D-2553.

NOTE: For applications of above chairs on carpet, 2½" diameter HARD TREAD casters are recommended. Add $8.40 to models priced with casters and specify suffix -HT.

AUTO-LIFT SEATING PRICE LIST

ILLUSTRATION	MODEL NO. & DESCRIPTION	DIMENSIONS	SUGGESTED LIST PRICES				OPTIONS	SHIPPING DATA
			Group 1	Group 2	Group 3	Group 4		
	**251G-24-C-FR-AL** Base Spread 22	**OVERALL:** 32 H x 20 W x 20 D **SEAT:** 17½ W x 14½ D **BACK:** 14½ W x 12 H **SEAT HEIGHT:** 18-25	138.60	141.80	144.90	148.10	Bright Chrome Finish Suffix CH **$12.60**	Shipped KDR 1 per Ctn. 36 lbs.
	**251U-22-C-FR-AL** Formed Steel Base w/Footring Base Spread 21½	**OVERALL:** 30 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 18-25	108.20	111.30	114.50	117.60	Bright Chrome Finish Suffix CH **$12.60**	Shipped KDR 1 per Ctn. 36 lbs.
	**255-24-FR-AL** Base Spread 22	**OVERALL:** 36 H x 20 W x 20 D **SEAT:** 17½ W x 14½ D **BACK:** 14½ W x 12 H **SEAT HEIGHT:** 255-24 24½-31½	139.70	142.80	146.00	149.10	Ball Bearing Casters Suffix C add 2″ to Height **$4.20**	Shipped KDR 1 per Ctn. 44 lbs.
	255-24-C-FR-AL		143.90	147.00	150.20	153.30	Bright Chrome Finish Suffix CH **$12.60**	Shipped KDR 1 per Ctn. 45 lbs.
	**PW-1623-AL** Plywood Seat & Back — Tubular Steel Base Base Spread 21½	**OVERALL:** 27 H x 17 W x 17 D **SEAT:** 17 W x 13¾ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 16-23	81.90				Fixed Footring Suffix FR **$4.20** Ball Bearing Casters Suffix C **$5.30** Bright Chrome Finish Suffix CH **$12.60**	Shipped KDR 1 per Ctn. 24 lbs.
	**PWD-2232-FR-AL** Formed Steel Base w/Footring Base Spread 22	**OVERALL:** 37 H x 17 W x 17 D **SEAT:** 17 W x 13¾ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 22½-29½	113.40				Ball Bearing Casters Suffix C Add 2″ to Height **$4.20** Bright Chrome Finish Suffix CH **$12.60**	Shipped KDR 1 per Ctn. 35 lbs.
	**PSB-1825-AL** Padded Economy Seat & Back Tubular Steel Base Base Spread 21½	**OVERALL:** 29 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 18-25	90.30	93.50	96.60	99.80	Fixed Footring Suffix FR **$4.20** Ball Bearing Casters Suffix C **$5.30** Bright Chrome Finish Suffix CH **$12.60**	Shipped KDR 1 per Ctn. 31 lbs.
	**PSBD-2434-FR-AL** Formed Steel Base w/Footring Base Spread 22	**OVERALL:** 37 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 24½-31½	130.20	133.40	136.50	139.70	Ball Bearing Casters Suffix C Add 2″ to Height **$4.20** Bright Chrome Finish Suffix CH **$12.60**	Shipped KDR 1 per Ctn. 42 lbs.

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

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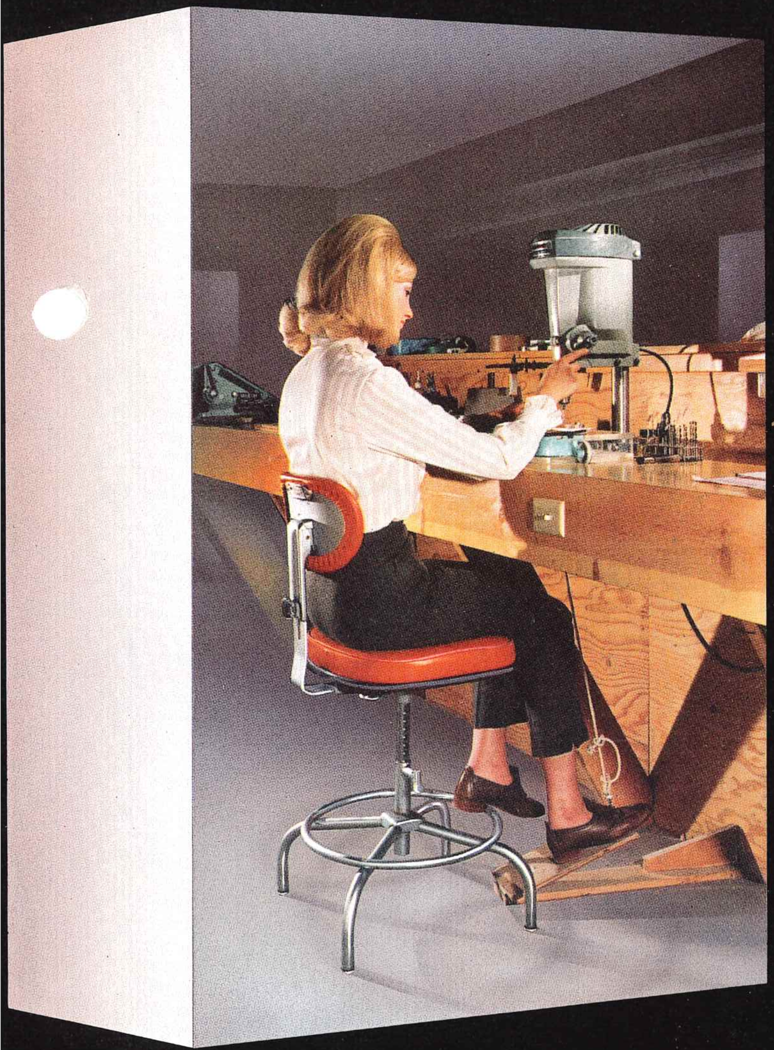
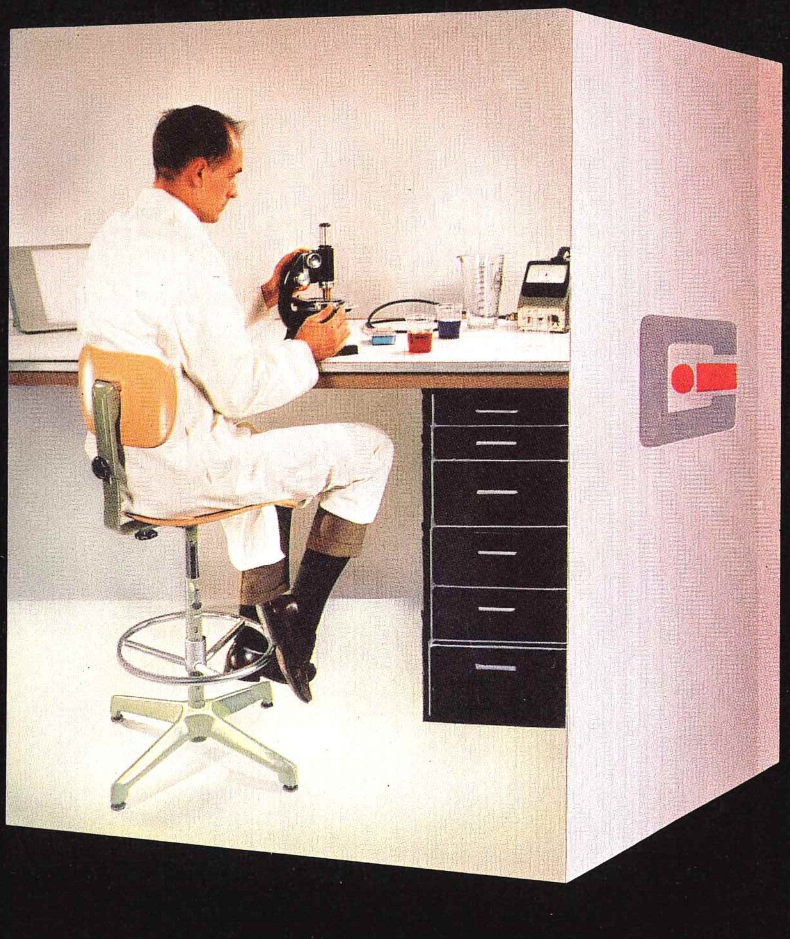
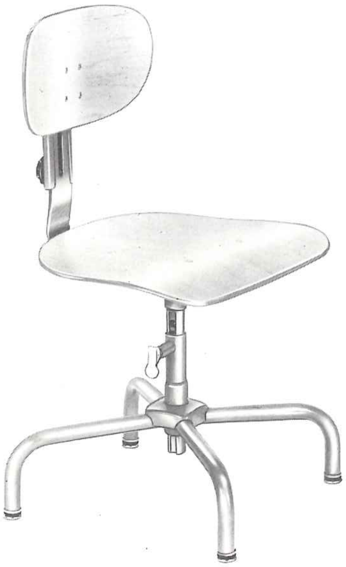
INDUSTRIAL INSTITUTIONAL SEATING

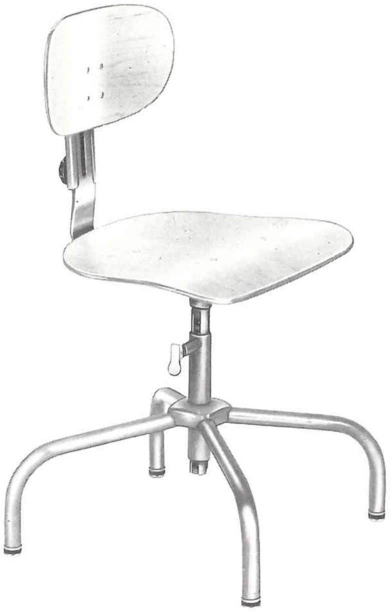




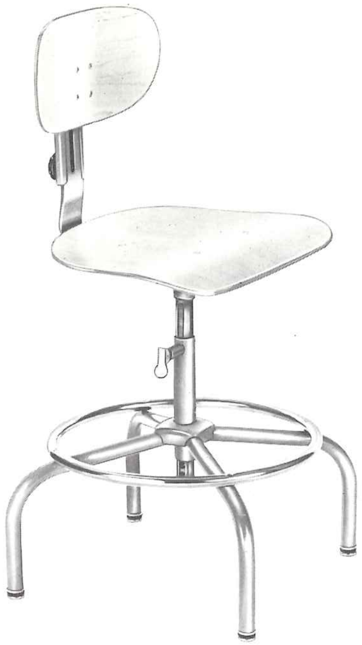
PLYWOOD



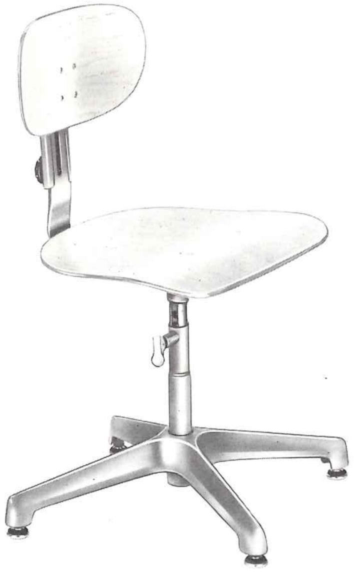
PW-1521
Base Spread 21
Seat Height 15-21¼
Paragraph 1A



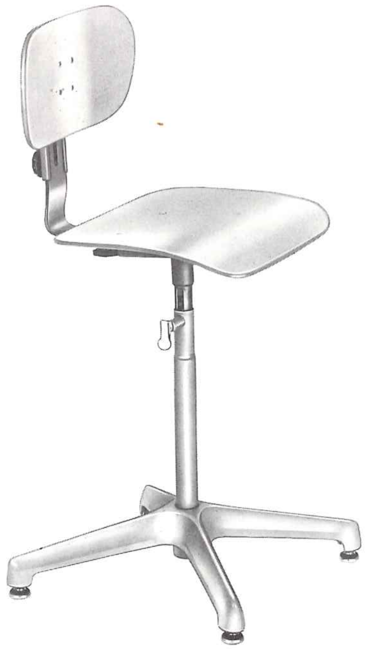
PW-1827
Base Spread 22
Seat Height 17½-26½
Paragraph 1B



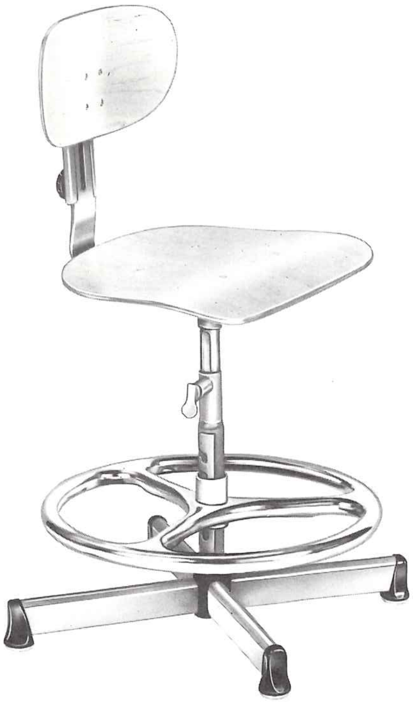
PW-2331-FR
Base Spread 22
Seat Height 22½-30¾
Paragraph 1C



PWA-1624
Base Spread 21
Seat Height 16-24¼
Paragraph 2A



PWA-2230
Base Spread 21
Seat Height 22-30¼
Paragraph 2B



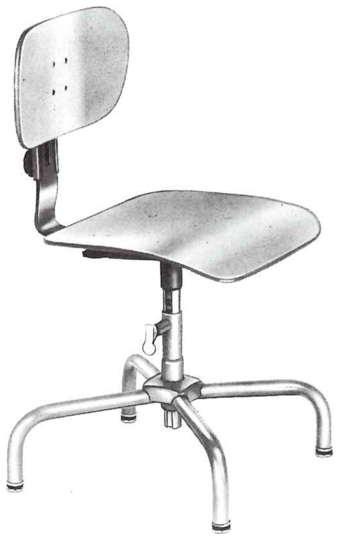
PWD-2331-FR
Base Spread 22
Seat Height 22½-30¾
Paragraph 3

DIMENSIONS: Seat 17W x 13¾D Back 13W x 8H

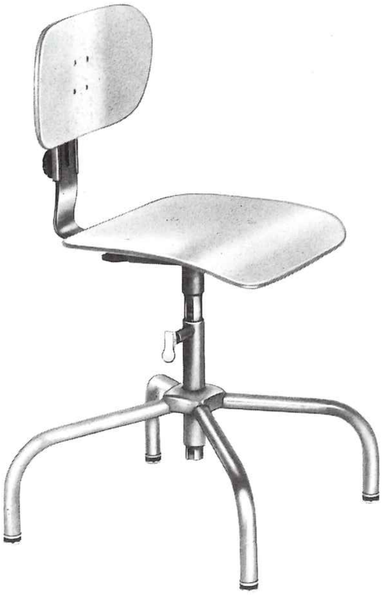
OPTIONS: Footrings, casters, walnut grain seat and back, and bright chrome finish available on all models.

SPECIFICATIONS: See pages L-07, L-08, L-09. Key Paragraphs 4A, 4B, 5A, 5B, 11A, 15. For bases and footrings paragraph numbers shown under illustrations above.

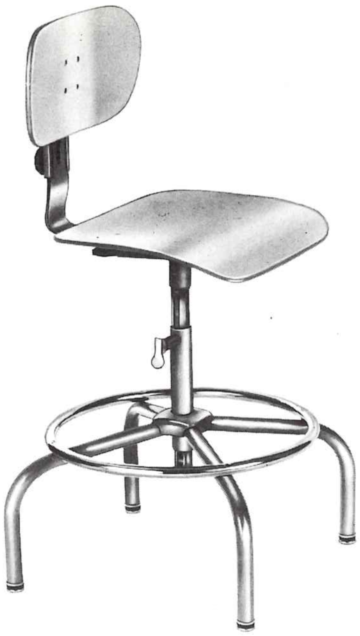
PLASTIC



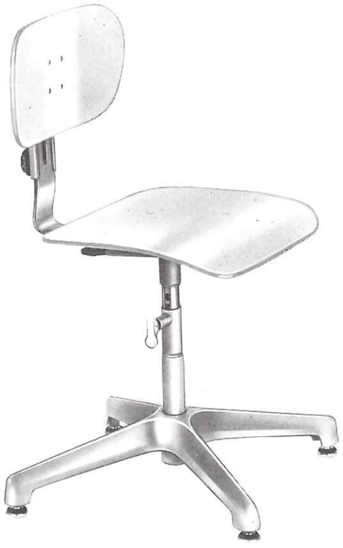
PL-1521
Base Spread 21
Seat Height 15-21¼
Paragraph 1A



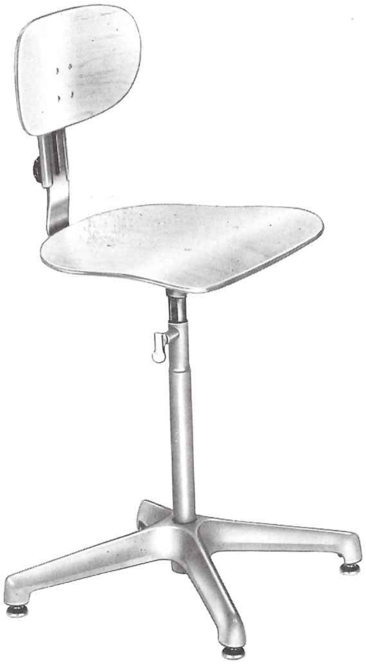
PL-1827
Base Spread 22
Seat Height 17½-26½
Paragraph 1B



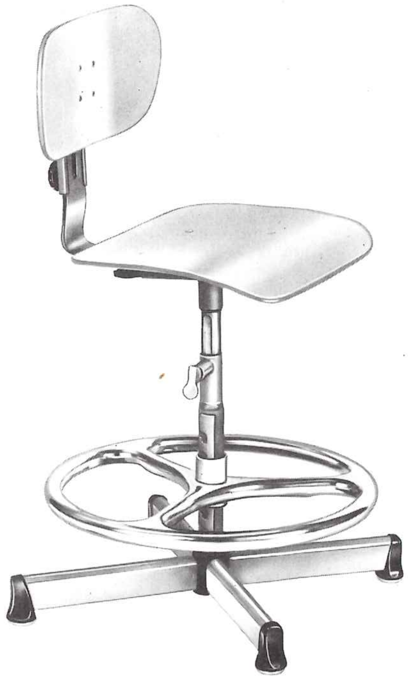
PL-2331-FR
Base Spread 22
Seat Height 22½-30¾
Paragraph 1C



PLA-1624
Base Spread 21
Seat Height 16-24¼
Paragraph 2A



PLA-2230
Base Spread 21
Seat Height 22-30¼
Paragraph 2B



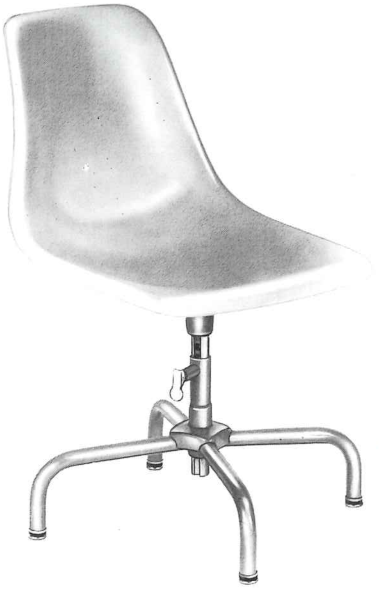
PLD-2331-FR
Base Spread 22
Seat Height 22½-30¾
Paragraph 3

DIMENSIONS: Seat 15W x 14D Back 13¼W x 8H

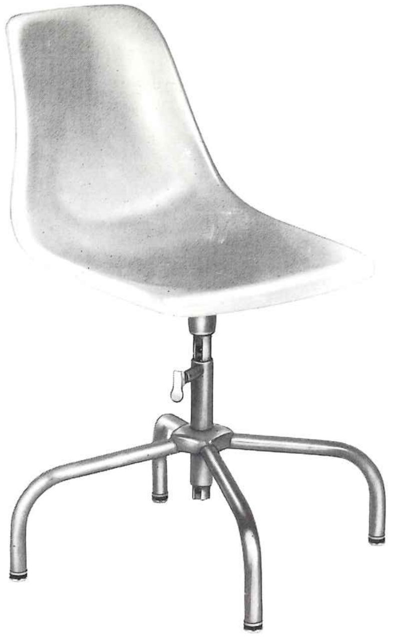
OPTIONS: Footrings, casters and bright chrome finish available on all models.

SPECIFICATIONS: See pages L-07, L-08, L-09. Key Paragraphs 4A, 4B, 5A, 5C, 11B, 15. For bases and footrings paragraph numbers shown under illustrations above.

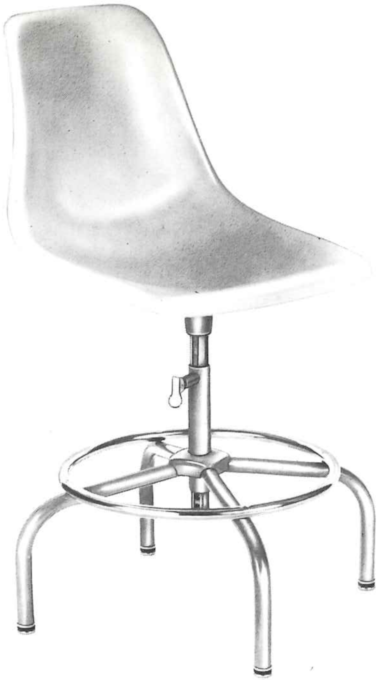
FIBERGLASS



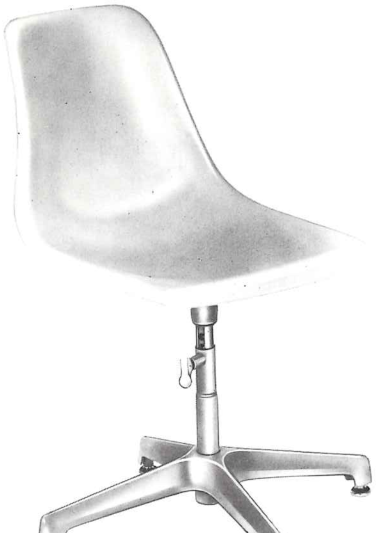
FG-1521
Base Spread 21
Seat Height 15-21¼
Paragraph 1A



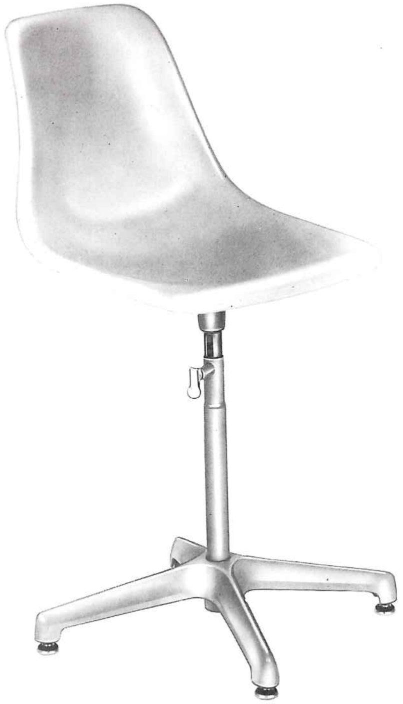
FG-1827
Base Spread 22
Seat Height 17½-26½
Paragraph 1B



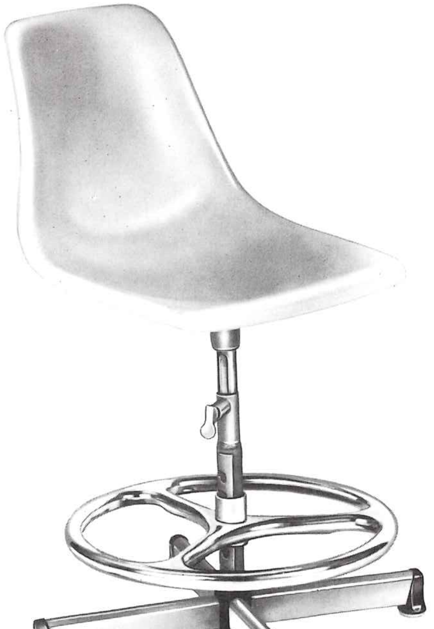
FG-2331-FR
Base Spread 22
Seat Height 22½-30¾
Paragraph 1C



FGA-1624
Base Spread 21
Seat Height 16-24¼
Paragraph 2A



FGA-2230
Base Spread 21
Seat Height 22-30¼
Paragraph 2B



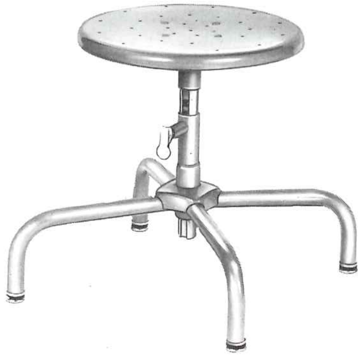
FGD-2331-FR
Base Spread 22
Seat Height 22½-30¾
Paragraph 3

DIMENSIONS: Seat 18W x 15D   Back 13½W x 16H

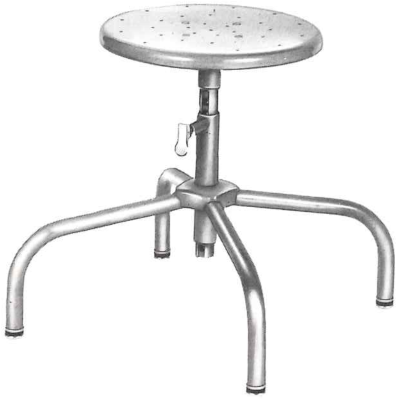
OPTIONS: Footrings, casters and bright chrome finish available on all models.

SPECIFICATIONS: See pages L-07, L-08, L-09. Key Paragraphs 4A, 4B, 6A, 6B, 15. For bases and footrings paragraph numbers shown under illustrations above.

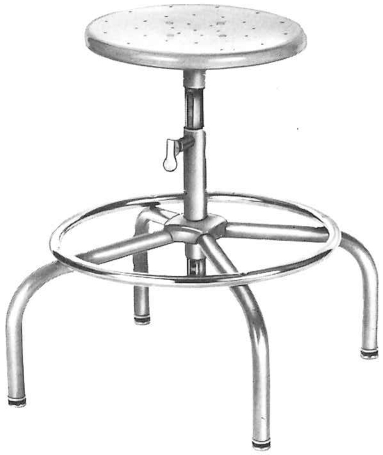
STEEL ROUND STOOL



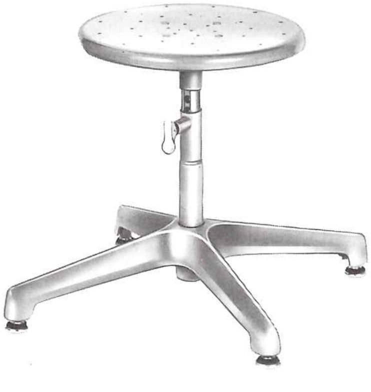
RS-1420
Base Spread 21
Seat Height 14¼-20½
Paragraph 1A



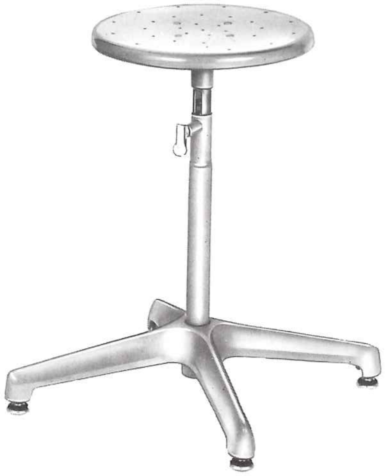
RS-1726
Base Spread 22
Seat Height 16½-25½
Paragraph 1B



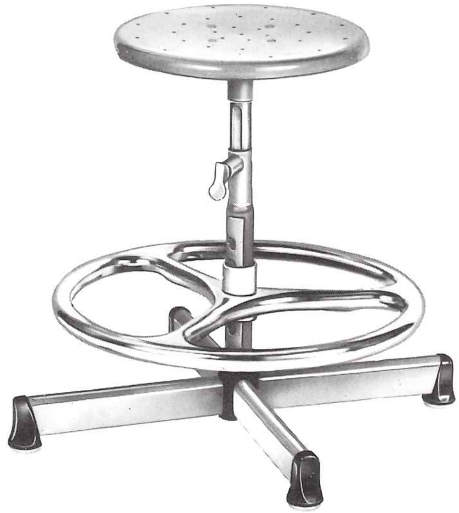
RS-2230-FR
Base Spread 22
Seat Height 21¾-30
Paragraph 1C



RSA-1523
Base Spread 21
Seat Height 15¼-23½
Paragraph 2A



RSA-2129
Base Spread 21
Seat Height 21-29¼
Paragraph 2B



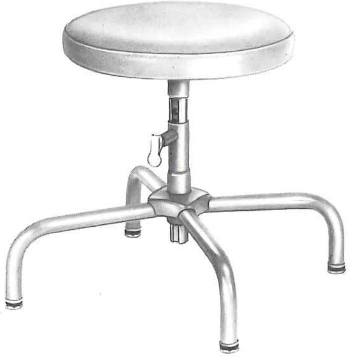
RSD-2130-FR
Base Spread 22
Seat Height 21¼-29½
Paragraph 3

DIMENSIONS: Seat 13 diameter

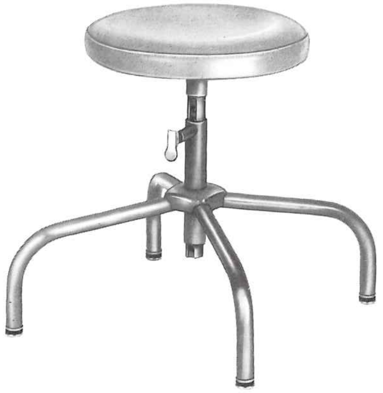
OPTIONS: Footrings, casters, plywood back rest and bright chrome finish available on all models.

SPECIFICATIONS: See pages L-07, L-08, L-09. Key Paragraphs 4A, 4B, 7, 15. For bases and footrings paragraph numbers shown under illustrations above.

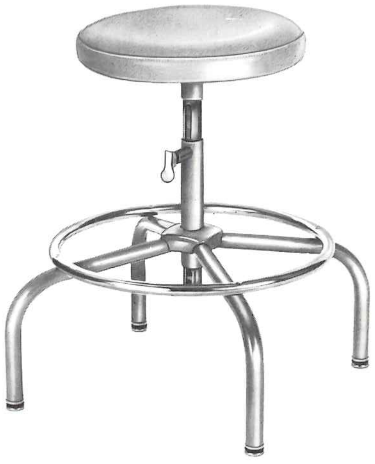
PADDED STEEL ROUND STOOL



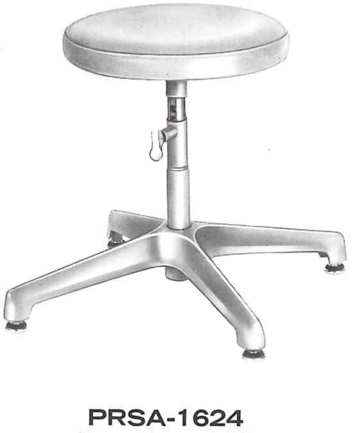
PRS-1521
Base Spread 21
Seat Height 15¼-21½
Paragraph 1A



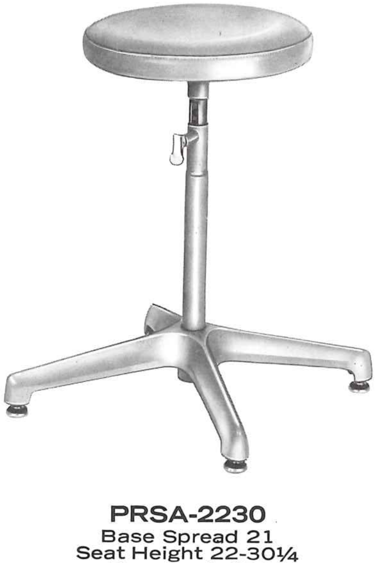
PRS-1827
Base Spread 22
Seat Height 17½-26½
Paragraph 1B



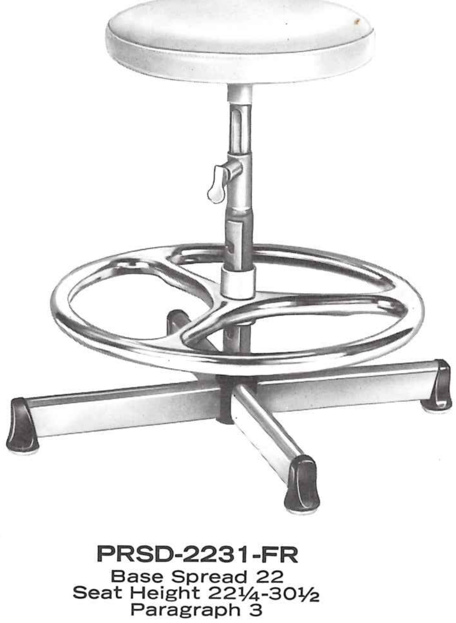
PRS-2331-FR
Base Spread 22
Seat Height 22¾-31
Paragraph 1C



PRSA-1624
Base Spread 21
Seat Height 16¼-24½
Paragraph 2A



PRSA-2230
Base Spread 21
Seat Height 22-30¼
Paragraph 2B



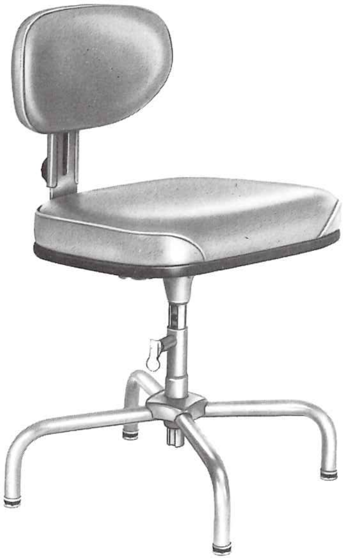
PRSD-2231-FR
Base Spread 22
Seat Height 22¼-30½
Paragraph 3

DIMENSIONS: Seat 13 diameter x 1 inch padded cushion.

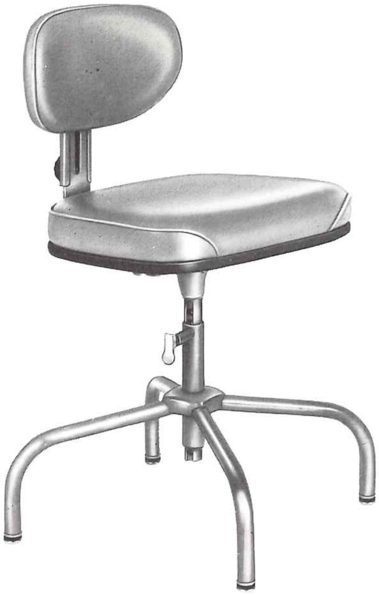
OPTIONS: Footrings, casters, plywood back rest and bright chrome finish available on all models.

SPECIFICATIONS: See pages L-07, L-08, L-09. Key Paragraphs 4A, 4B, 7, 8, 13, 15. For bases and footrings paragraph numbers shown under illustrations above.

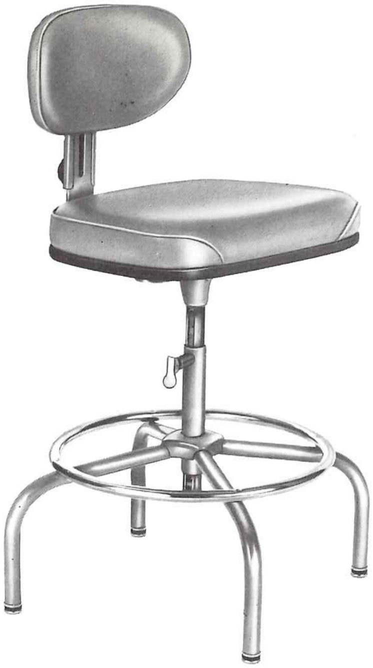
PADDED SEAT AND BACK



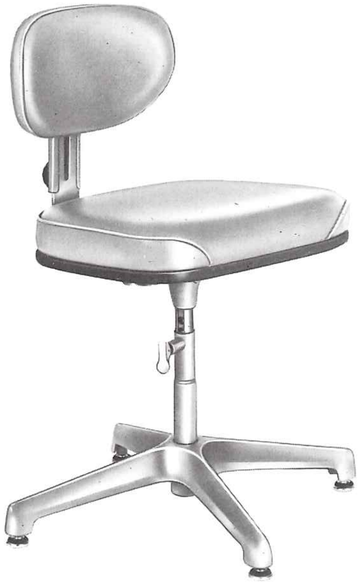
PSB-1723
Base Spread 21
Seat Height 17½-23¾
Paragraph 1A



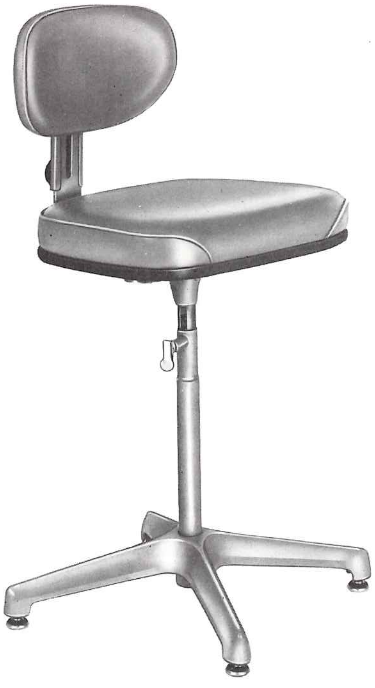
PSB-2029
Base Spread 22
Seat Height 20-29
Paragraph 1B



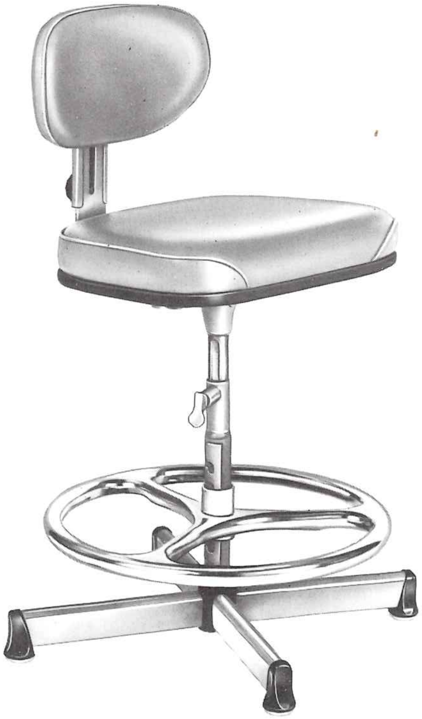
PSB-2533-FR
Base Spread 22
Seat Height 25-33
Paragraph 1C



PSBA-1723
Base Spread 21
Seat Height 16¾-23
Paragraph 2A



PSBA-2432
Base Spread 21
Seat Height 24¼-32½
Paragraph 2B



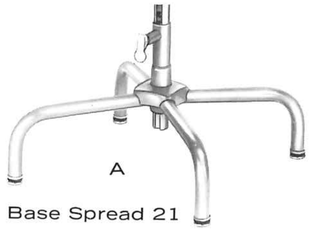
PSBD-2433-FR
Base Spread 22
Seat Height 24½-32¾
Paragraph 3

DIMENSIONS: Seat 17½W x 14½D x 2½ inch padded cushion. Back 13W x 8H x 1 inch padded cushion.

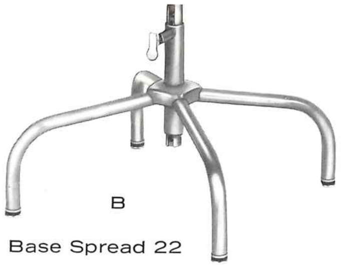
OPTIONS: Footrings, casters and bright chrome finish available on all models.

SPECIFICATIONS: See pages L-07, L-08, L-09. Key Paragraphs 4A, 4B, 9A, 9B, 12, 13, 15. For bases and footrings paragraph numbers shown under illustrations above.

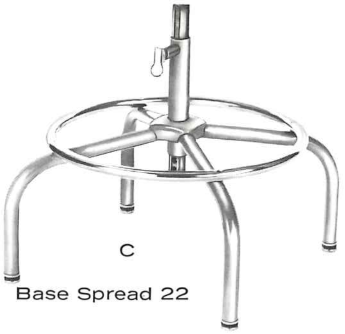
SPECIFICATIONS


A

Base Spread 21

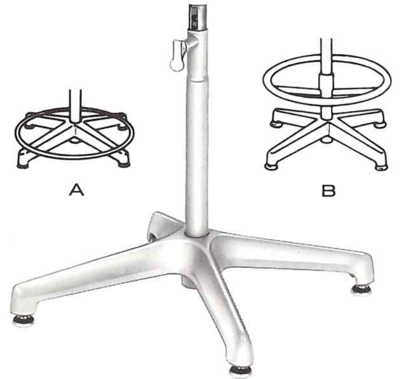

B

Base Spread 22


C

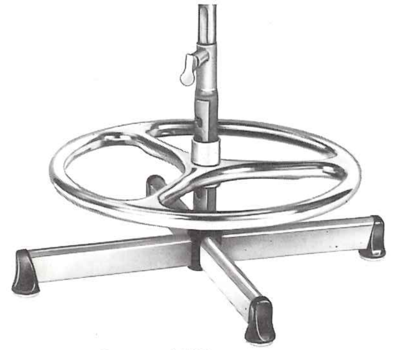
Base Spread 22

1A,B,C. Tubular base is made of 1 OD x 14 gage steel legs welded to 1-7/16 OD x 14 gage steel barrel. A structural cap of 14 gage formed sheet steel covers the welded joint and is welded to the legs for added strength. Top 3 inches of barrel are swaged to 1⅛ inch inside diameter to accurately receive the seat support spindle. Chrome plated fixed footring, made of ¾ OD x 16 gage steel tubing and attaches to base legs with hardened steel screws, is formed to 17 inch diameter and is 9½ inches off the floor on 1C. Footring is optional on 1A & B; 6 inches off floor on 1A and 7½ inches off floor on 1B. Nickel plated 1-1/16 diameter hardened steel, rubber cushioned glides are standard; 2 inch ball-bearing soft tread casters with replaceable wheels, add 2 inches to footring and chair height, are optionally available. Benefits: ultimate in strength, safety and freedom of maintenance.



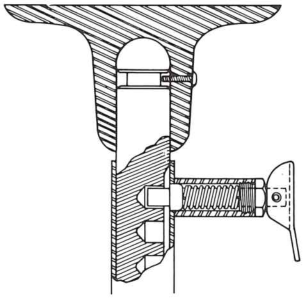
Base Spread 21

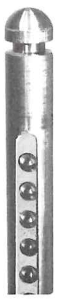
2A,B. Aluminum base is heavy cast aluminum, rib reinforced hub and steel glide or caster sockets integrally molded within each leg. Hub is step-bored for press fit of 1-7/16 OD x 14 gage steel barrel. Top 3 inches of barrel is swaged to 1⅛ inch inside diameter to accurately receive the seat support spindle. Nickel plated 1½ diameter hardened steel, rubber cushioned glides are standard; optional 2 inch ball-bearing casters with replaceable wheels (not recommended on High Range), add 2 inches to footring and chair height. Two optional footrings are available—2A: Fixed footring, made of ¾ OD x 16 gage steel tubing and attaches to base legs with hardened steel screws, is formed to 17 inch diameter and is 4 inches off the floor; 2B: Rev-Lok chrome plated footring is one piece 14 gage steel stamping, welded to specially shaped 10 gage steel hub engaging slotted strip on barrel which makes footring adjustable from 7 to 14 inches off the floor by simple revolving action. Footring is 15 inch diameter. Benefits: Contemporary design, superior rigidity, safety and freedom of maintenance.



Base Spread 22

3. Radiused top, rectangular tubular steel legs are welded to steel barrel 1-7/16 OD x 14 gage, welded joint is covered with molded plastic cap. Top 3 inches of barrel are swaged to firmly and accurately receive 1⅛ seat support spindle. Leg tips are closed with molded polypropylene protective bumper sockets which receive nickel plated 1½ diameter hardened steel, rubber cushioned glides, or optional 2 inch ball bearing casters with replaceable wheels. Casters add 2 inches to chair height. Rev-Lok chrome plated footring is one piece 14 gage steel stamping, welded to a specially shaped 10 gage steel hub, engaging slotted strip on barrel which makes footring adjustable, 5 to 11 inches off the floor with glides and 7 to 13 inches with casters, by a simple revolving action. Footring is 19 inch diameter.


A


B

4A. Adjust-A-Lok plunger screws into ⅜ OD x 16 gage steel tubing welded into base barrel. Finger tip lever actuates ⅜ inch diameter spring-loaded steel plunger pin, providing fast and safe, instantly up or down seat height adjustment at 11/16 increments. Thirty pound compression spring automatically engages plunger pin into spindle holes ensuring positive adjustment. Benefits: Safety, durability, fast adjustment.

4B. Spindle is precision machined 1⅛ diameter cold rolled steel shafting. Top end is radiused to form ball bearing on which seat rotates. Annular groove at top receives seat retaining set screw. Holes and 7/16 machined groove along length of spindle receives plunger pin providing fast, easy adjustment but prevents spindle rotation. Spindle is protected with corrosion inhibiting lubricant. Benefits: Strength, safety, durability, freedom of maintenance.

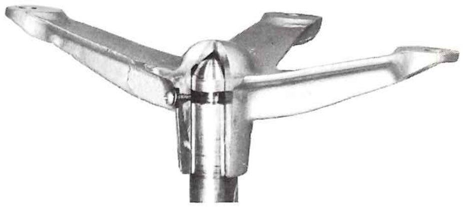
SPECIFICATIONS

5A. Seat support channel is die formed 12 gage sheet steel with 1-7/16 OD x 12 gage spider hub fusion welded to it. Spider hub has 1⅛ ID nylon insert sleeve bearing. Spindle extends 2¾ inches into spider hub and fits into Delrin thrust bearing, which provides full radial contact with the radiused top of the nonrevolving spindle, ensuring smooth swivel action of the seat. Used on plywood and plastic seats. Benefits: Durability, ease of seat swivel, strength and freedom of maintenance.

5B. Wood seat is scroll formed of ⅜ thick, 5 ply natural finish maple plywood, securely attached to the supporting spider with four round head #10 recessed screws and locking nuts.

5C. Plastic seat is scroll shaped of pressure molded, phenolic resin impregnated wood flour, with glossy melamine laminated exposed surfaces ensuring consistent seat color. Seat attached to spider with four round head #10 recessed screws and locking nuts. Plastic components are natural maple finish.

6A. Fiberglass models have cast aluminum bearing housing spider precision machined to receive and rotate on the fixed 1⅛ diameter spindle on single circular tangent point bearing surface. Spindle extends 2¾ inches into bearing housing, pressure packed with moly lubricant, ensuring wobble free seat rotation and freedom of maintenance.

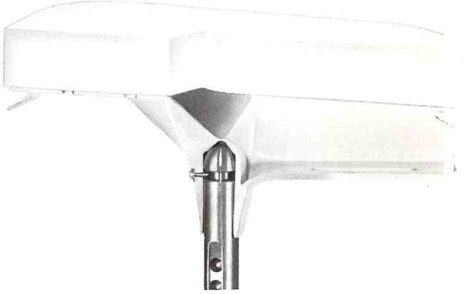


6B. The fiberglass, one piece seat and back, contoured chair unit is pressure molded fiberglass matting impregnated with tinted plastic resin, flanged for strength and smoothness, for comfortable sitting. ¼ diameter studs molded into bottom for attachment to the seat support. Fiberglass components are natural birch finish.

7. Fabricated seat support consists of 5 x 5 x 12 gage sheet steel plate with 1⅜ OD x 11 gage steel hub fusion welded to it. Spindle extends 2¾ inches into spider hub, and fits into Delrin thrust bearing, which provides full radial contact with the radiused top of the non-revolving spindle to ensure smooth swivel action of the seat. Benefits: Simplicity, freedom of maintenance, ease of seat rotation. The 13 diameter steel seat is die formed of 14 gage steel. Seat is ventilated.

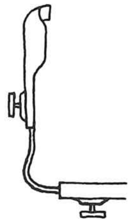
8. The upholstered seat is 1 inch thick polyurethane foam cushion, with replaceable cover, part numbered for identification, and an extended vinyl internal bumper around the bottom edge of the seat pan.

9A. Radiused corner seat is uniquely designed, incorporating a seat pan, bearing housing spider, upright retaining channel and bumper groove, all in a one-piece aluminum casting. Bearing housing is precision machined to receive and rotate on the fixed 1⅛ diameter spindle on a single circular tangent point bearing surface. With spindle extending 2¾ inches into the bearing housing pressure packed with moly lubricant ensuring wobble free seat rotation and freedom of maintenance.

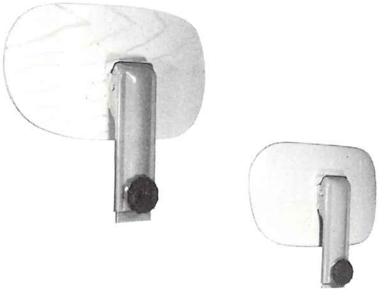


9B. Seat cushion is 2¼ thick virgin polyurethane foam, covered with a replaceable water fall design, welted seam cover, part numbered for identification, gives ideal comfort contouring to anyone's posture. All-around external bumper protects upholstery and furniture from bumping.

SPECIFICATIONS



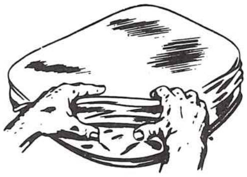
10. Seats with back rests are equipped with single post "L" shaped uprights, die formed of 2¼ wide x 3/16 thick heat treated steel, providing correct posture while allowing restful relaxation. Ends of upright engage threaded hand wheels under the seat and back rest, providing approximately 3 inches of vertical and horizontal adjustment of the back rest. All uprights, except round stools, have adjustment limiting stops.



11A. Wood back plate is contour formed of 5 ply natural finish maple plywood. Back is attached to 14 gage steel pivot bracket which in turn is pivotally mounted under spring tension to the back box formed of 14 gage sheet steel. Used on all PW models and round stools requiring back rest. Back rest adjustable, vertical and horizontal—approximately 3 inches for maximum comfort and posture control.

11B. Plastic back rest is pressure molded to contour shape of same material as seat, and is attached and mounted same as wood back.

12. Single plate back rest is die-formed to 13 inch inside radius of 16 gage sheet steel to which is welded a pivoting back box assembly die-formed of 14 gage sheet steel. The spring balanced back box pivots to the normal action range of the user, automatically returning to a correct posture position. One inch polyurethane foam cushion gives real comfort, has internal bumper and is covered with replaceable cover, part numbered for identification. Name plate ensures user's identification, and conceals ends of cover cable.



13. Replaceable upholstery covers are double stitched with multi-filament nylon thread. Seat covers have welted seams and waterfall styled front boxing preventing discomfort and premature wear. Multi-strand steel cables stitched within seams make attachment positive, tamper-proof and yet detachable for economical replacement on the job with factory made covers, all part numbered for easy identification.

14. Metal frame is chemically cleaned, metallic phosphate coated and dried in multi-stage high pressure, high temperature conveyorized 360 degree spray and dry system and then enamel coating is electrostatically applied and baked under automatic control giving the finest adhesion of durable finishes. All footrings are commercial grade bright chrome finish. Optional overall chrome finish is commercial grade bright chrome.

15. Dimensions

	Seat Sizes			Back Sizes		
	Width	Depth	Thickness	Width	Depth	Thickness
Plywood	17	13¾	⅜	13	8	⅜
Plastic	15	14	⅜	13¼	8	⅜
Fiberglass	18	15	⅛	13½	8	⅜
Unpadded Round Stool	13 dia.					
Upholstered Round Stool	13 dia.		1			
Upholstered Seat & Back	17½	14½	2¼	13	8	1

INDUSTRIAL
INSTITUTIONAL
SEATING
PRICE LIST

ZONE 1 • NUMBER 3272

F.O.B. PLANT, KANSAS CITY, KANSAS

PRICES AND SPECIFICATIONS
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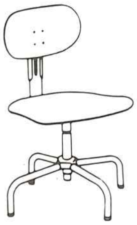
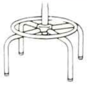
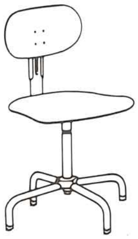
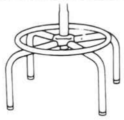
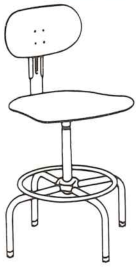
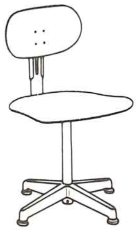
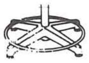
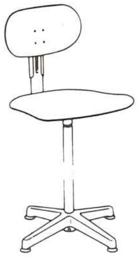
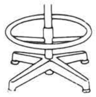
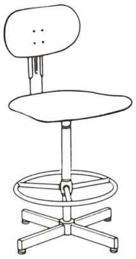
INDUSTRIAL AND INSTITUTIONAL SEATING PRICING SCHEDULE

ILLUSTRATION	MODEL NO. AND DESCRIPTION	DIMENSIONS	SUGGESTED LIST PRICE	OPTIONS	SHIPPING DATA
	**PW-1521** Plywood Seat & Back Tubular Steel Base Base Spread 21	**OVERALL:** 27 H x 17 W x 17 D **SEAT:** 17 W x 13¾ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 15 - 21¼	**39.90**	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60 Walnut Grained Seat and Back $4.20	Shipped KDR 1 per Ctn. 19 lbs.
	**PW-1827** Plywood Seat & Back Tubular Steel Base Base Spread 22	**OVERALL:** 30 H x 17 W x 17 D **SEAT:** 17 W x 13¾ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 17½ - 26½	**42.00**	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60 Walnut Grained Seat and Back $4.20	Shipped KDR 1 per Ctn. 21 lbs.
	**PW-2331-FR** Plywood Seat & Back Tubular Base With Footring Base Spread 22	**OVERALL:** 35 H x 17 W x 17 D **SEAT:** 17 W x 13¾ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 22½ - 30¾	**48.30**	Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60 Walnut Grained Seat and Back $4.20	Shipped KDR 1 per Ctn. 26 lbs.
	**PWA-1624** Plywood Seat & Back Aluminum Base Base Spread 21	**OVERALL:** 28 H x 17 W x 17 D **SEAT:** 17 W x 13¾ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 16 - 24¼	**49.40**	 016 Satinlite $4.20 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $4.20 Bright Chrome Finish suffix CH $12.60 Walnut Grained Seat and Back $4.20	Shipped KDR 1 per Ctn. 21 lbs.
	**PWA-2230** Plywood Seat & Back Aluminum Base Base Spread 21	**OVERALL:** 34 H x 17 W x 17 D **SEAT:** 17 W x 13¾ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 22 - 30¼	**52.50**	 016 Satinlite $4.20 Rev-Lok Adjustable Footring suffix FR $12.60 Bright Chrome Finish suffix CH $12.60 Walnut Grained Seat and Back $4.20 Casters Not Recommended	Shipped KDR 1 per Ctn. 22 lbs.
	**PWD-2331-FR** Plywood Seat & Back Formed Steel Base with Footring Base Spread 22	**OVERALL:** 35 H x 17 W x 17 D **SEAT:** 17 W x 13¾ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 22½ - 30¾	**67.20**	Ball Bearing Casters suffix C add 2″ to height $4.20 Bright Chrome Finish suffix CH $12.60 Walnut Grained Seat and Back $4.20	Shipped KDR 1 per Ctn. 32 lbs.

INDUSTRIAL AND INSTITUTIONAL SEATING PRICING SCHEDULE

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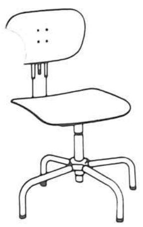
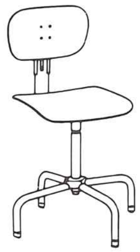
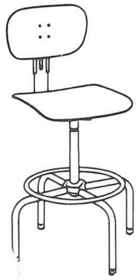
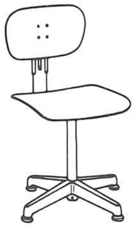
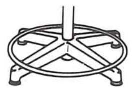
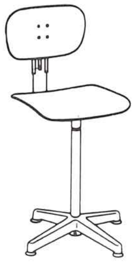
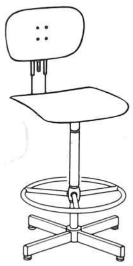
	**PL-1521** Plastic Seat & Back Tubular Steel Base Base Spread 21	**OVERALL:** 27 H x 17 W x 17 D **SEAT:** 15 W x 14 D **BACK:** 13¼ W x 8 H **SEAT HEIGHT:** 15 - 21¼	41.00	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60	Shipped KDR 1 per Ctn. 22 lbs.
	**PL-1827** Plastic Seat & Back Tubular Steel Base Base Spread 22	**OVERALL:** 30 H x 17 W x 17 D **SEAT:** 15 W x 14 D **BACK:** 13¼ x 8 H **SEAT HEIGHT:** 17½ - 26½	43.10	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60	Shipped KDR 1 per Ctn. 24 lbs.
	**PL-2331-FR** Plastic Seat & Back Tubular Steel Base With Footring Base Spread 22	**OVERALL:** 35 H x 17 W x 17 D **SEAT:** 15 W x 14 D **BACK:** 13¼ W x 8 H **SEAT HEIGHT:** 22½ - 30¾	49.40	Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60	Shipped KDR 1 per Ctn. 29 lbs.
	**PLA-1624** Plastic Seat & Back Aluminum Base Base Spread 21	**OVERALL:** 28 H x 17 W x 17 D **SEAT:** 15 W x 14 D **BACK:** 13¼ W x 8 H **SEAT HEIGHT:** 16 - 24¼	50.40	 O16 Satinlite $4.20 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $4.20 Bright Chrome Finish suffix CH $12.60	Shipped KDR 1 per Ctn. 24 lbs.
	**PLA-2230** Plastic Seat & Back Aluminum Base Base Spread 21	**OVERALL:** 34 H x 17 W x 17 D **SEAT:** 15 W x 14 D **BACK:** 13¼ W x 8 H **SEAT HEIGHT:** 22 - 30¼	53.60	 O16 Satinlite $4.20 Rev-Lok Adjustable Footring suffix FR $12.60 Bright Chrome Finish suffix CH $12.60 Casters Not Recommended	Shipped KDR 1 per Ctn. 25 lbs.
	**PLD-2331-FR** Plastic Seat & Back Formed Steel Base With Footring Base Spread 22	**OVERALL:** 35 H x 17 W x 17 D **SEAT:** 15 W x 14 D **BACK:** 13¼ x 8 H **SEAT HEIGHT:** 22½ - 30¾	68.30	Ball Bearing Casters suffix C add 2″ to height $4.20 Bright Chrome Finish suffix CH $12.60	Shipped KDR 1 per Ctn. 35 lbs.

INDUSTRIAL AND INSTITUTIONAL SEATING PRICING SCHEDULE

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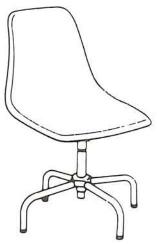
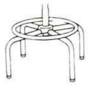
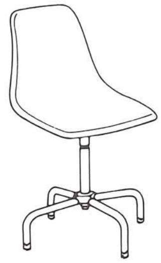
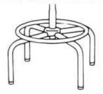
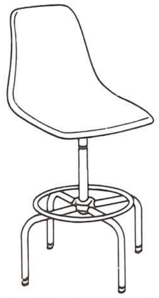
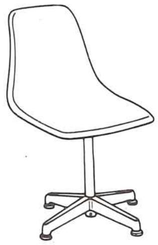
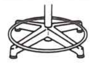
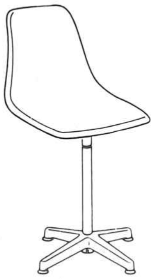
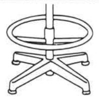
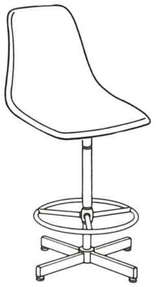
	**FG-1521** Fiberglass Seat & Back Tubular Steel Base Base Spread 21	**OVERALL:** 27 H x 17 W x 20 D **SEAT:** 18 W x 15 D **BACK:** 13½ W x 16 H **SEAT HEIGHT:** 15 - 21¼	**43.10**	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60	Shipped KD 1 per Ctn. 17 lbs.
	**FG-1827** Fiberglass Seat & Back Tubular Steel Base Base Spread 22	**OVERALL:** 30 H x 17 W x 20 D **SEAT:** 18 W x 15 D **BACK:** 13½ W x 16 H **SEAT HEIGHT:** 17½ - 26½	**45.20**	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60	Shipped KD 1 per Ctn. 19 lbs.
	**FG-2331-FR** Fiberglass Seat & Back Tubular Steel Base With Footring Base Spread 22	**OVERALL:** 35 H x 17 W x 20 D **SEAT:** 18 W x 15 D **BACK:** 13½ W x 16 H **SEAT HEIGHT:** 22½ - 30¾	**51.50**	Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60	Shipped KD 1 per Ctn. 24 lbs.
	**FGA-1624** Fiberglass Seat & Back Aluminum Base Base Spread 21	**OVERALL:** 28 H x 17 W x 20 D **SEAT:** 18 W x 15 D **BACK:** 13½ W x 16 H **SEAT HEIGHT:** 16 - 24¼	**52.50**	 O16 Satinlite $4.20 Fixed Footring (suffix FR) $4.20 Ball Bearing Casters (suffix C) add 2″ to height $4.20 Bright Chrome Finish (suffix CH) $12.60	Shipped KD 1 per Ctn. 19 lbs.
	**FGA-2230** Fiberglass Seat & Back Aluminum Base Base Spread 21	**OVERALL:** 34 H 17 W x 20 D **SEAT:** 18 W x 15 D **BACK:** 13½ W x 16 H **SEAT HEIGHT:** 22 - 30¼	**55.70**	 O16 Satinlite $4.20 Rev-Lok Adjustable Footring suffix FR $12.60 Bright Chrome Finish suffix CH $12.60 Casters Not Recommended	Shipped KD 1 per Ctn. 20 lbs.
	**FGD-2331-FR** Fiberglass Seat & Back Formed Steel Base With Footring Base Spread 22	**OVERALL:** 35 H x 17 W x 20 D **SEAT:** 18 W x 15 D **BACK:** 13½ W x 16 H **SEAT HEIGHT:** 22½ x 30¾	**70.40**	Ball Bearing Casters suffix C add 2″ to height $4.20 Bright Chrome Finish suffix CH $12.60	Shipped KD 1 per Ctn. 30 lbs.

INDUSTRIAL AND INSTITUTIONAL SEATING PRICING SCHEDULE

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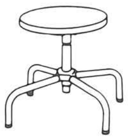
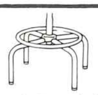
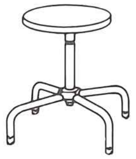
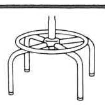
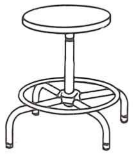
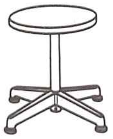
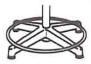
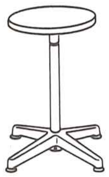
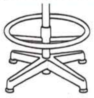
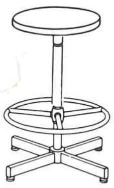
	**RS-1420** Steel Round Stool Tubular Base Base Spread 21	**OVERALL:** 14½ H x 17 W x 17 D **SEAT:** 13 Diameter **SEAT HEIGHT:** 14¼ - 20½	**29.40**	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60 Plywood Back Rest suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 16 lbs.
	**RS-1726** Steel Round Stool Tubular Steel Base Base Spread 22	**OVERALL:** 17H x 17 W x 17 D **SEAT:** 13 Diameter **SEAT HEIGHT:** 16½ - 25½	**31.50**	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60 Plywood Back Rest suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 18 lbs.
	**RS-2230-FR** Steel Round Stool Tubular Steel Base With Footring Base Spread 22	**OVERALL:** 22 H x 17 W x 17 D **SEAT:** 13 Diameter **SEAT HEIGHT:** 21¾ - 30	**37.80**	Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60 Plywood Back Rest suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 23 lbs.
	**RSA-1523** Steel Round Stool Aluminum Base Base Spread 21	**OVERALL:** 15 H x 17 W x 17 D **SEAT:** 13 Diameter **SEAT HEIGHT:** 15¼ - 23½	**38.90**	 016 Satinlite $4.20 Fixed Footring (suffix FR) $4.20 Ball Bearing Casters (suffix C) add 2″ to height $4.20 Bright Chrome Finish (suffix CH) $12.60 Plywood Back Rest (suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 18 lbs.
	**RSA-2129** Steel Round Stool Aluminum Base Base Spread 21	**OVERALL:** 21 H x 17 W x 17 D **SEAT:** 13 Diameter **SEAT HEIGHT:** 21 - 29¼	**42.00**	 016 Satinlite $4.20 Rev-Lok Adjustable Footring suffix FR $12.60 Bright Chrome Finish suffix CH $12.60 Plywood Back Rest suffix -BR for Round Stools $8.40 Casters Not Recommended	Shipped SUR 1 per Ctn. 19 lbs.
	**RSD-2130-FR** Steel Round Stool Formed Steel Base With Footring Base Spread 22	**OVERALL:** 21 H x 17 W x 17 D **SEAT:** 13 Diameter **SEAT HEIGHT:** 21¼ - 29½	**56.70**	Ball Bearing Casters suffix C add 2″ to height $4.20 Bright Chrome Finish suffix CH $12.60 Plywood Back Rest suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 29 lbs.

INDUSTRIAL AND INSTITUTIONAL SEATING PRICING SCHEDULE

ILLUS.	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	SUGGESTED LIST PRICES				OPTIONS	SHIPPING DATA
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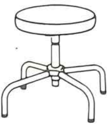
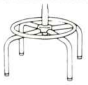
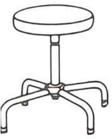
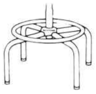
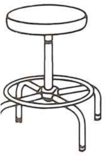
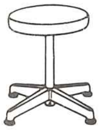
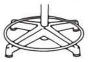
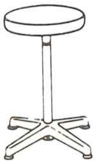
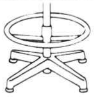
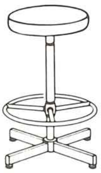
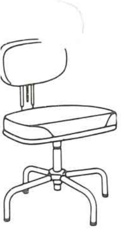
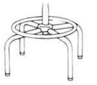
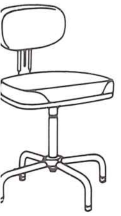
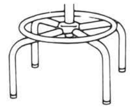
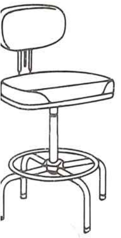
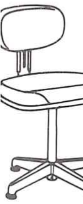
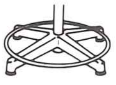
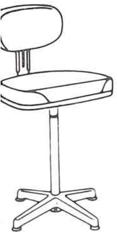
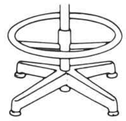
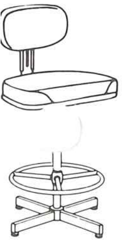
	**PRS-1521** Padded Steel Round Stool Tubular Steel Base Base Spread 21	OVERALL: 15½ H x 17 W x 17 D SEAT: 13 Diameter SEAT HEIGHT: 15¼-21½	1 stool ½ yd. 2 or more ¼ yd. each stool	36.80	39.90	43.10	46.20	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60 Plywood Back Rest suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 17 lbs.
	**PRS-1827** Padded Steel Round Stool Tubular Steel Base Base Spread 22	OVERALL: 18 H x 17 W x 17 D SEAT: 13 Diameter SEAT HEIGHT: 17½-26½	1 stool ½ yd. 2 or more ¼ yd. each stool	38.90	42.00	45.20	48.30	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60 Plywood Back Rest suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 19 lbs.
	**PRS-2331-FR** Padded Steel Round Stool Tubular Steel Base With Footring Base Spread 22	OVERALL: 23 H x 17 W x 17 D SEAT: 13 Diameter SEAT HEIGHT: 22¾-31	1 stool ½ yd. 2 or more ¼ yd. each stool	45.20	48.30	51.50	54.60	Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60 Plywood Back Rest suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 24 lbs.
	**PRSA-1624** Padded Steel Round Stool Aluminum Base Base Spread 21	OVERALL: 16 H x 17 W x 17 D SEAT: 13 Diameter SEAT HEIGHT: 16¼-24½	1 stool ½ yd. 2 or more ¼ yd. each stool	46.20	49.40	52.50	55.70	 016 Satinlite $4.20 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $4.20 Bright Chrome Finish suffix CH $12.60 Plywood Back Rest suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 19 lbs.
	**PRSA-2230** Padded Steel Round Stool Aluminum Base Base Spread 21	OVERALL: 22 H x 17 W x 17 D SEAT: 13 Diameter SEAT HEIGHT: 22-30¼	1 stool ½ yd. 2 or more ¼ yd. each stool	49.40	52.50	55.70	58.80	 016 Satinlite $4.20 Rev-Lok Adjustable Footring suffix FR $12.60 Bright Chrome Finish suffix CH $12.60 Casters Not Recommended Plywood Back Rest suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 20 lbs.
	**PRSD-2231-FR** Padded Steel Round Stool Formed Steel Base with Footring Base Spread 22	OVERALL: 22 H x 17 W x 17 D SEAT: 13 Diameter SEAT HEIGHT: 22¼-30½	1 stool ½ yd. 2 or more ¼ yd. each stool	64.10	67.20	70.40	73.50	Ball Bearing Casters suffix C add 2″ to height $4.20 Bright Chrome Finish suffix CH $12.60 Plywood Back Rest suffix -BR for Round Stools $8.40	Shipped SUR 1 per Ctn. 30 lbs.

INDUSTRIAL AND INSTITUTIONAL SEATING PRICING SCHEDULE

ILLUS.	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	SUGGESTED LIST PRICES				OPTIONS	SHIPPING DATA
				GROUP 1	GROUP 2	GROUP 3	GROUP 4		
	**PSB-1723** Padded Economy Seat and Back Tubular Steel Base Base Spread 21	**OVERALL:** 29 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 17½-23¾	1 chair 1½ yds. 2 or more ¾ yd. each stool	48.30	51.50	54.60	57.80	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60	Shipped KDR 1 per Ctn. 24 lbs.
	**PSB-2029** Padded Economy Seat and Back Tubular Steel Base Base Spread 22	**OVERALL:** 32 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 20 -29	1 chair 1½ yds. 2 or more ¾ yd. each stool	52.50	55.70	58.80	62.00	 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60	Shipped KDR 1 per Ctn. 26 lbs.
	**PSB-2533-FR** Padded Economy Seat and Back Tubular Steel Base With Footring Base Spread 22	**OVERALL:** 37 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 25-33	1 chair 1½ yds. 2 or more ¾ yd. each stool	58.80	62.00	65.10	68.30	Ball Bearing Casters suffix C add 2″ to height $5.30 Bright Chrome Finish suffix CH $12.60	Shipped KDR 1 per Ctn. 31 lbs.
	**PSBA-1723** Padded Economy Seat and Back Aluminum Base Base Spread 21	**OVERALL:** 29 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 16¾-23	1 chair 1½ yds. 2 or more ¾ yd. each stool	59.90	63.00	66.20	69.30	 016 Satinlite $4.20 Fixed Footring suffix FR $4.20 Ball Bearing Casters suffix C add 2″ to height $4.20 Bright Chrome Finish suffix CH $12.60	Shipped KDR 1 per Ctn. 26 lbs.
	**PSBA-2432** Padded Economy Seat and Back Aluminum Base Base Spread 21	**OVERALL:** 36 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 24¼-32½	1 chair 1½ yds. 2 or more ¾ yd. each stool	63.00	66.20	69.30	72.50	 016 Satinlite $4.20 Rev-Lok Adjustable Footring suffix FR $12.60 Bright Chrome Finish suffix CH $12.60 Casters Not Recommended	Shipped KDR 1 per Ctn. 27 lbs.
	**PSBD-2433-FR** Padded Economy Seat and Back Formed Steel Base with Footring Base Spread 22	**OVERALL:** 36 H x 17 W x 17 D **SEAT:** 17½ W x 14½ D **BACK:** 13 W x 8 H **SEAT HEIGHT:** 24½-32¾	1 chair 1½ yds. 2 or more ¾ yd. each stool	77.70	80.90	84.00	87.20	Ball Bearing Casters suffix C add 2″ to height $4.20 Bright Chrome Finish suffix CH $12.60	Shipped KDR 1 per Ctn. 37 lbs.

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KANSAS CITY, KANSAS

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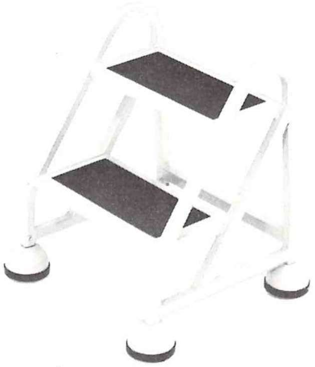
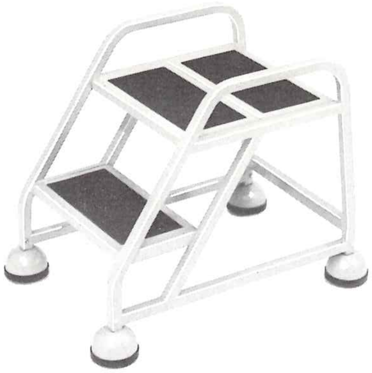
STEPS

STEPS

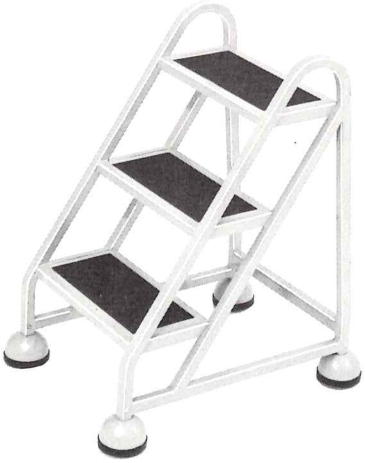
STOP-STEP
LADDERS
KIK-STEP



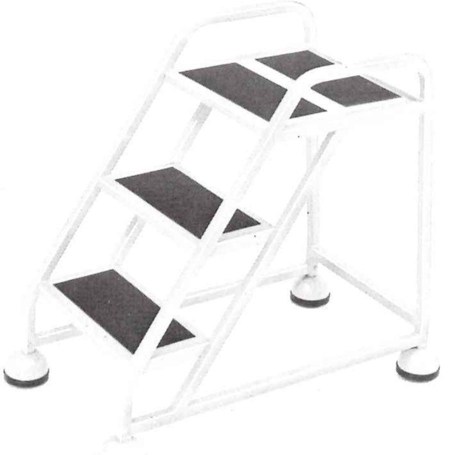
SS-20
Overall 22¾ H x 21 W x 19¾ D
Top step 18 H



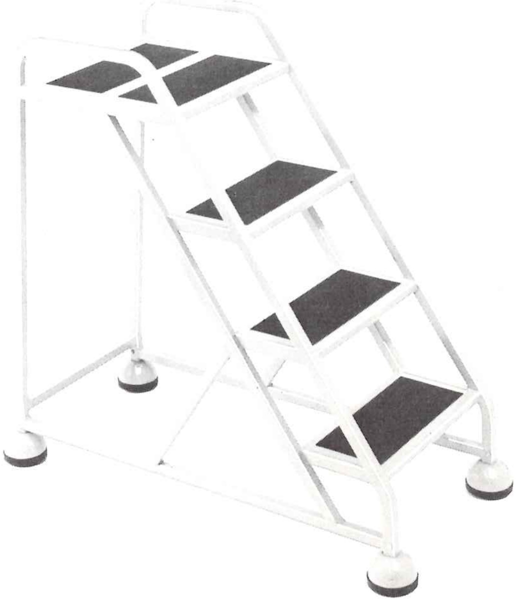
SS-22
Overall 22¾ H x 21 W x 28¼ D
Top step 18 H



SS-30
Overall 31¾ H x 21 W x 26¾ D
Top step 27 H

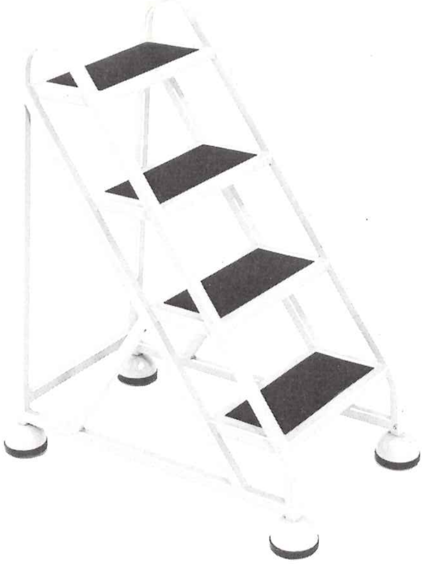


SS-32
Overall 31¾ H x 21 W x 35¼ D
Top step 27 H



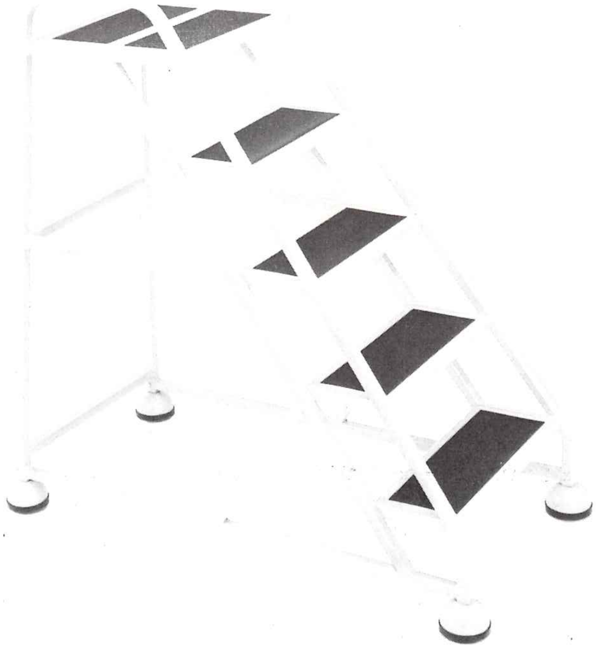
[redacted]

SS-42 Overall 40¾ H x 21 W x 42 D • Top step 36 H



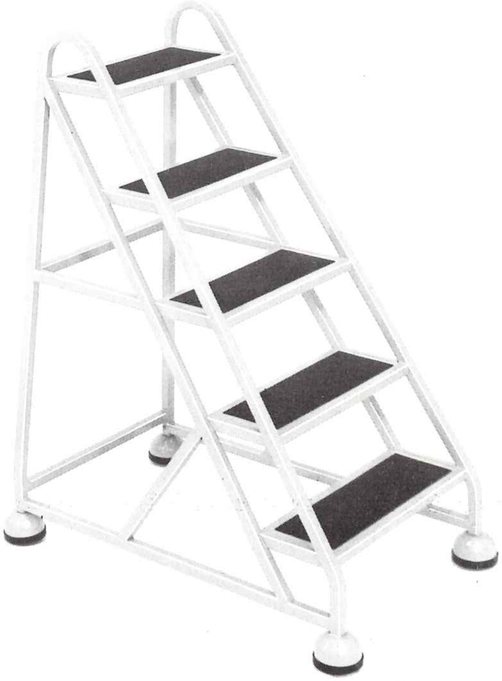
[redacted]

SS-40 Overall 40¾ H x 21 W x 35¼ D • Top step 36 H



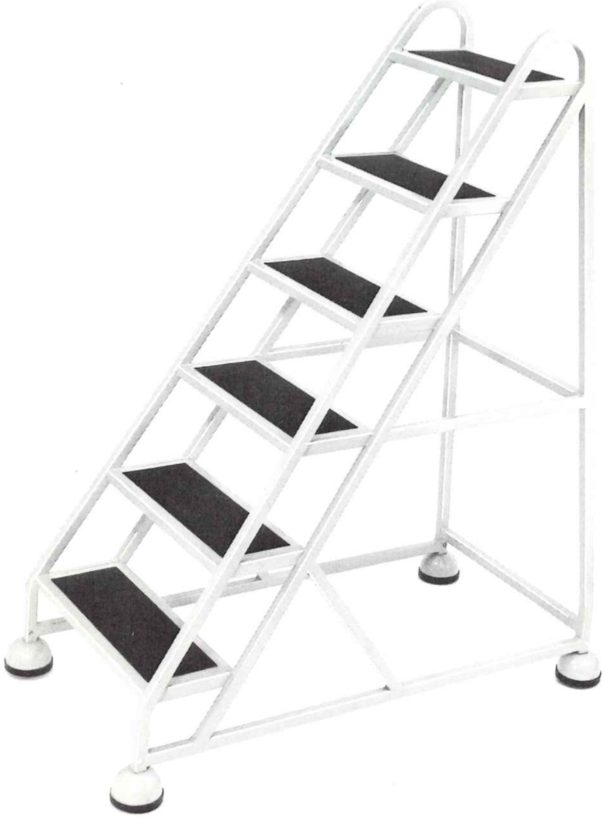
[redacted]

SS-52 Overall 49¾ H x 25¼ W x 49 D • Top step 45 H

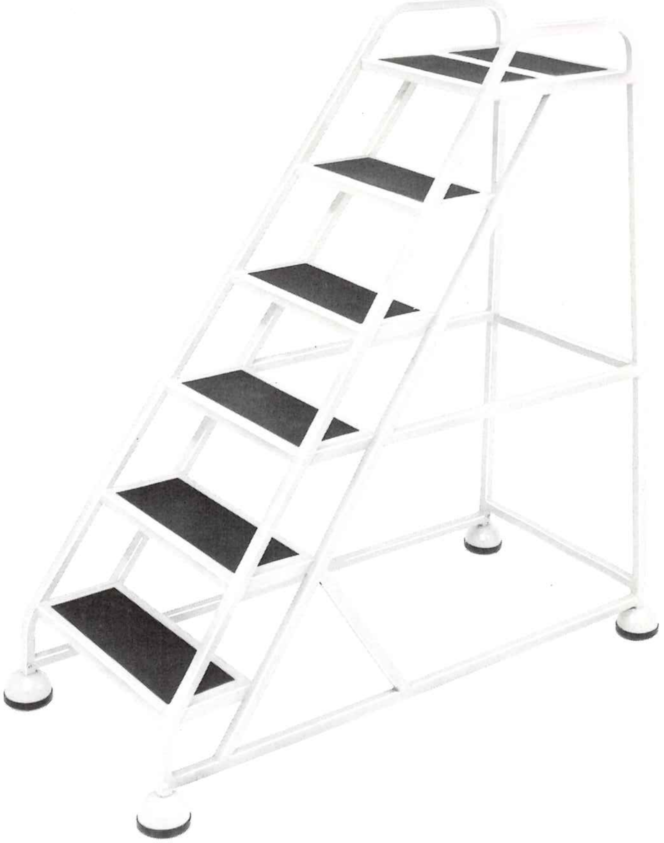


[redacted]

SS-50 Overall 49¾ H x 25¼ W x 40½ D • Top step 45 H

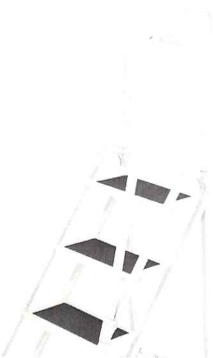


SS-60
Overall 58¾ H x 26¼ W x 47¼ D
Top step 54 H



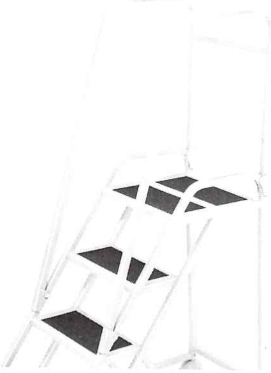
SS-62
Overall 58¾ H x 26¼ W x 55¾ D
Top step 54 H

OPTIONS

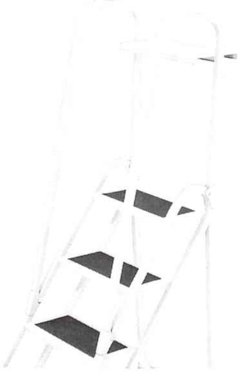


RIGHT HANDRAIL

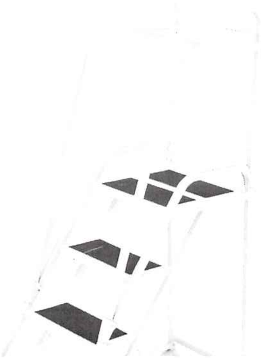
LEFT HANDRAIL



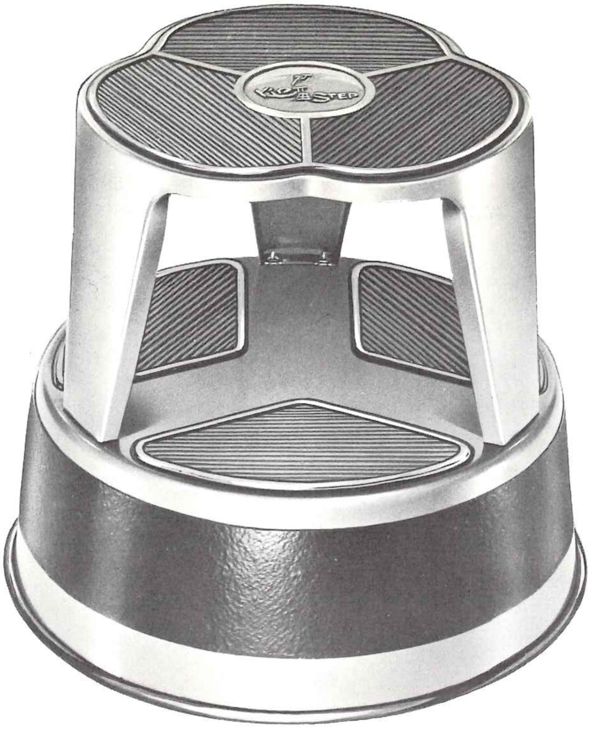
DOUBLE HANDRAIL



DOUBLE HANDRAIL
8 INCH SHELF
Available on all ladder models. Shelf 16 W x 8 D

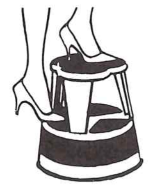


DOUBLE HANDRAIL
16 INCH SHELF
Available only on Double Top Step models SS-32, SS-42, SS-52, SS-62.
Shelf 16 W x 16 D

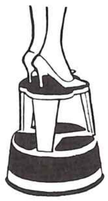


KS-1

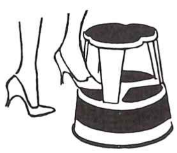
STEPS



STEP UP

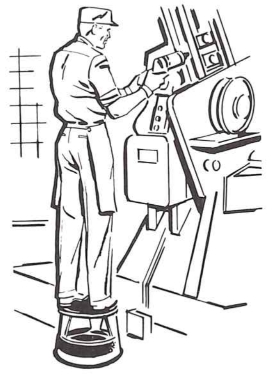


WORK IN SAFETY

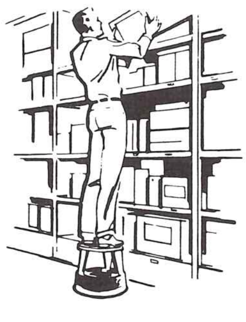


STEP DOWN

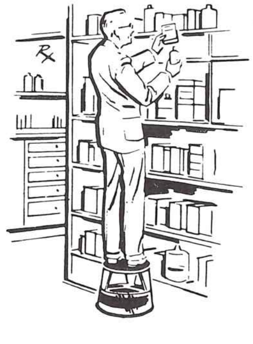
APPLICATIONS



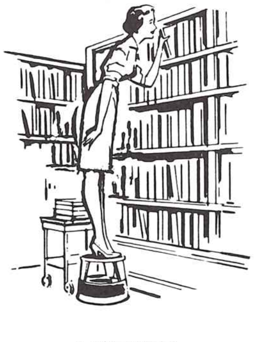
FACTORY



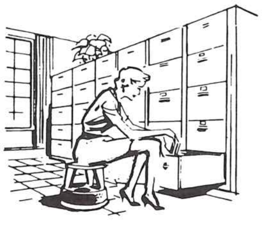
WAREHOUSE



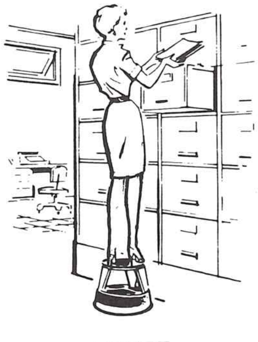
STORE



LIBRARY

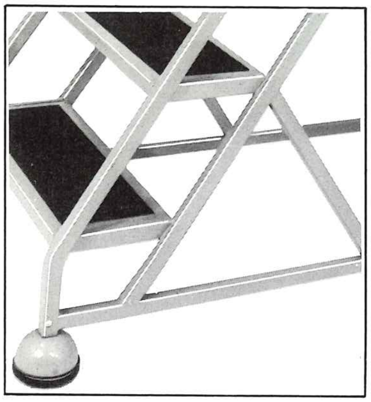


SITTING

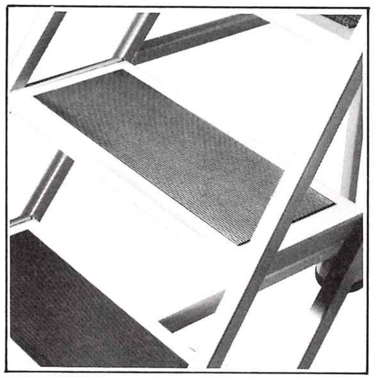


OFFICE

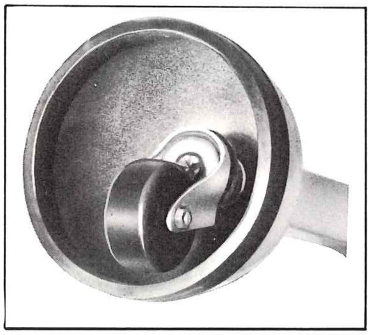
STOP-STEP LADDERS SPECIFICATIONS



TRUSSED FRAMES AND BRACES are 1 inch square aluminum tubing, permanently welded for strength and rigidity into reinforced lightweight units. Finish is durable baked enamel furnished standard in 005 Silvertone unless otherwise specified.



CROSS-BRACED STEPS are heavy gauge extruded aluminum securely welded into frame. Steps are 16 wide x 8 deep with a 9 inch step height. Steps graduate in width on 5 and 6 step models. All steps have permanently affixed safety treads.



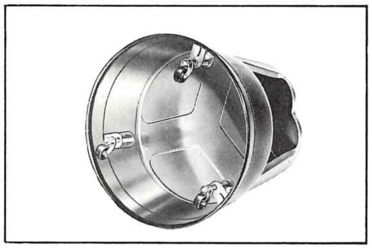
CRAMER EXCLUSIVE SAFETY DOMES are 4 inch diameter, formed-steel domes with non-slip molded grip ring around bottom edges. Domes enclose spring-mounted, retractable ball-bearing casters of special design with 1⅝ hard tread wheels.

STOP-STEP MECHANISM — Ball-bearing casters retract when slightest weight is applied. When weight is removed, casters automatically extend and Stop-Step may be easily rolled.

OPTIONAL FEATURES

Double top step
Handrails—right, left and double
Handrail filing shelves

KIK-STEP SPECIFICATIONS



GENERAL CONSTRUCTION — Heavy gauge steel frame with baked enamel finish. Ribbed treads on upper and lower platforms plus all-around protective bumper. Spring-mounted casters retract under slightest pressure to allow grip ring on base to "lock" onto floor.

DIMENSIONS—Upper platform—11 inch diameter; lower platform—13½ inch diameter; base—15¾ inch diameter; height—14 inches.

STOP-STEP LADDERS KIK-STEP PRICE LIST

ZONE 1 • NUMBER 3272

F.O.B. PLANT, KANSAS CITY, KANSAS

PRICES AND SPECIFICATIONS
SUBJECT TO CHANGE WITHOUT NOTICE

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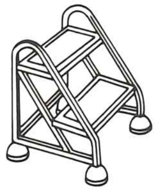
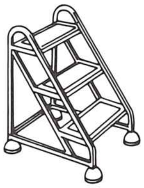
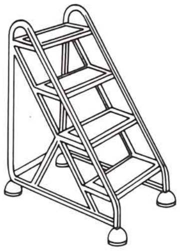
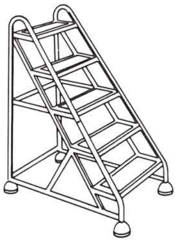
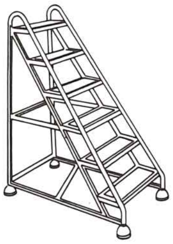
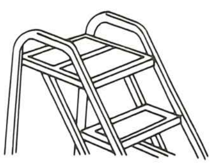
STOP-STEPS PRICING SCHEDULE

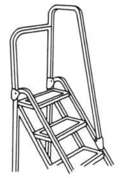
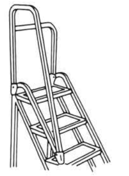
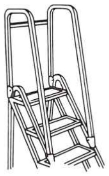
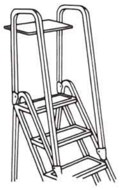
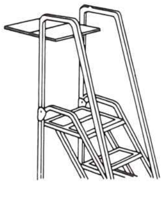
ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	SUGGESTED LIST PRICE	SHIPPING DATA
	**SS-20** As Illustrated	22¾ H x 21 W x 19¾ D TOP STEP 18H	84.00	Shipped SU 19 lbs.
	SS-22 Same as SS-20 but with Double Top Step illustrated in right column	22¾ H x 21 W x 28¼ D TOP STEP 18H	114.50	Shipped SU 21 lbs.
	**SS-30** As Illustrated	31¾ H x 21 W x 26¾ D TOP STEP 27H	100.80	Shipped SU 25 lbs.
	SS-32 Same as SS-30 but with Double Top Step illustrated in right column	31¾ H x 21 W x 35¼ D TOP STEP 27H	131.30	Shipped SU 26 lbs.
	**SS-40** As Illustrated	40¾ H x 21 W x 33½ D TOP STEP 36H	134.40	Shipped SU 35 lbs.
	SS-42 Same as SS-40 but with Double Top Step illustrated in right column	40¾ H x 21 W x 42 D TOP STEP 36H	164.90	Shipped SU 37 lbs.
	**SS-50** As Illustrated	49¾ H x 25¼ W x 40½ D TOP STEP 45H	171.20	Shipped SU 46 lbs.
	SS-52 Same as SS-50 but with Double Top Step illustrated in right column	49¾ H x 25¼ W x 49 D TOP STEP 45H	201.60	Shipped SU 48 lbs.
	**SS-60** As Illustrated	58¾ H x 26¼ W x 47¼ D TOP STEP 54H	204.80	Shipped SU 56 lbs.
	SS-62 Same as SS-60 but with Double Top Step illustrated in right column	58¾ H x 26¼ W x 55¾ D TOP STEP 54H	235.20	Shipped SU 57 lbs.

DOUBLE TOP STEP



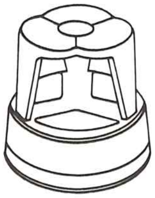
Available on all Models SS-22, SS-32, SS-42, SS-52, SS-62

OPTIONAL HANDRAILS
Available on all models except SS-20 and SS-22

	RIGHT HANDRAIL Specify suffix -RH Add $20.00 Add 6 lbs.
	LEFT HANDRAIL Specify suffix -LH Add $20.00 Add 6 lbs.
	DOUBLE HANDRAIL Specify suffix -DH Add $32.60 Add 7 lbs.
	FILING SHELF HANDRAIL Available on all ladder models. Shelf 16W x 8D. Specify suffix -DHS8 Add $50.40 Add 9 lbs.
	FILING SHELF HANDRAIL Available only on DOUBLE TOP STEP models SS-32, SS-42, SS-52, SS-62. Shelf 16W x 16D. Specify suffix -DHS16. Add $66.20 Add 11 lbs.

NOTE — 005 Silvertone frame is standard. Additional Cramer colors are available, see catalog frame finish card. 016 Satinlite not available. Models SS-20, SS-30, and SS-40 in 005 Silvertone are stock items.

KIK-STEP PRICING SCHEDULE

ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	SUGGESTED LIST PRICE BY QUANTITY							SHIPPING DATA
			1-2	3-5	6-11	12-50	51-200	201-500	OVER 500	
	**KS-1**	OVERALL HEIGHT 14 FLOOR AREA 15⅝ Diameter	26.10	25.00	21.90	19.80	18.70	17.50	16.50	Shipped KD 1 per Ctn. 10¾ lbs.

BAKED ENAMEL FINISH: Silvertone, Mimosa Yellow, Gray, Cameobeige, Turquoise, Ebony Black, Coppertan, Mist Green, Bristol Blue, Desert Sage, White, Copperglo, Red, Light Olive.

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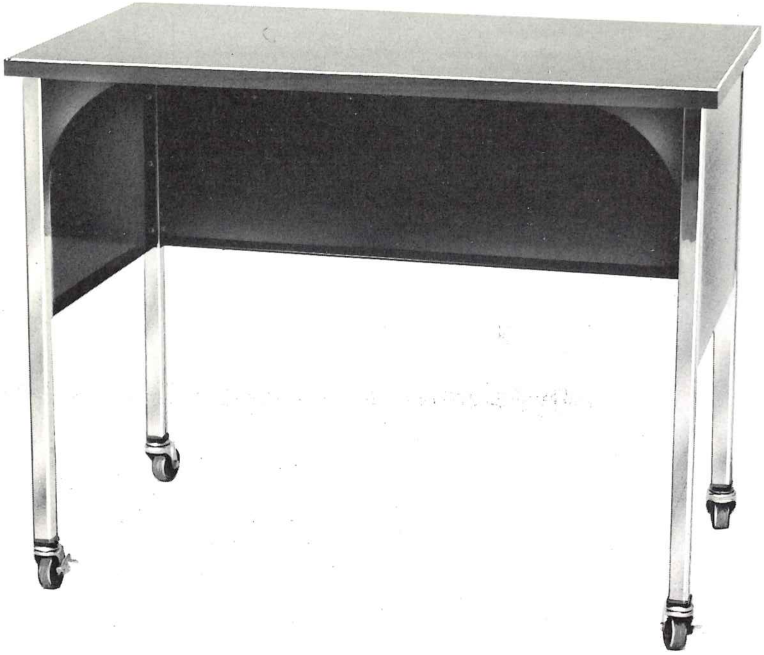
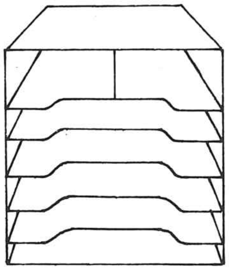
TABLES

TABLES

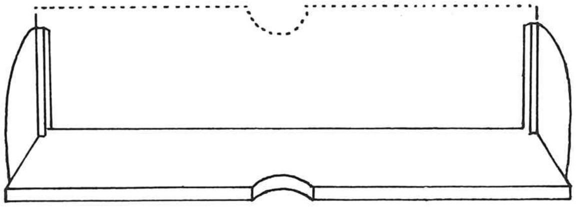
OFFICE MACHINE
TABLES



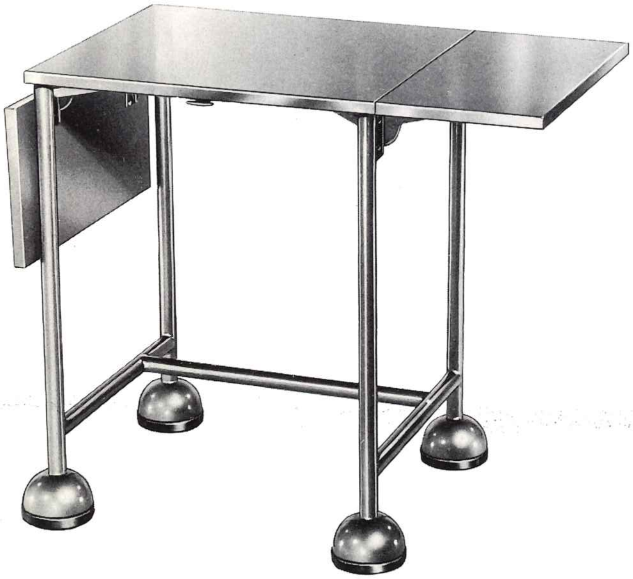
BMT-1832



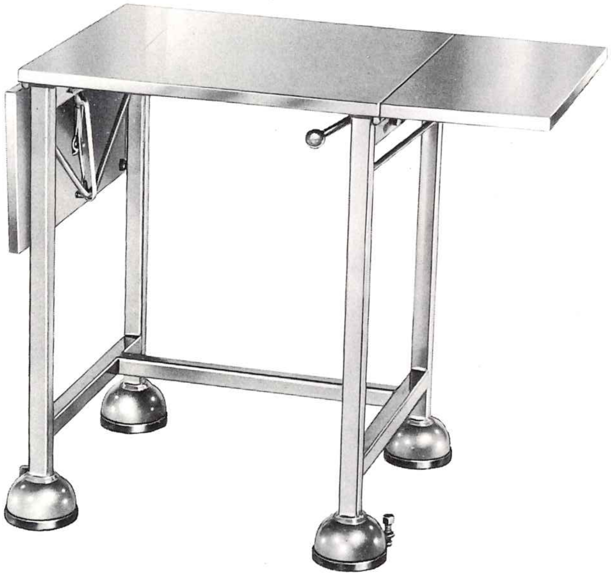
STATIONERY RACK



FOLD-DOWN SHELF

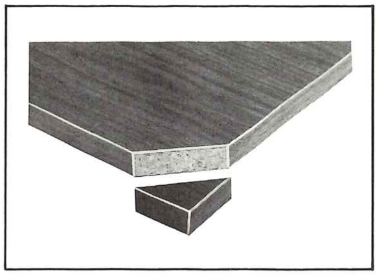


MS-1

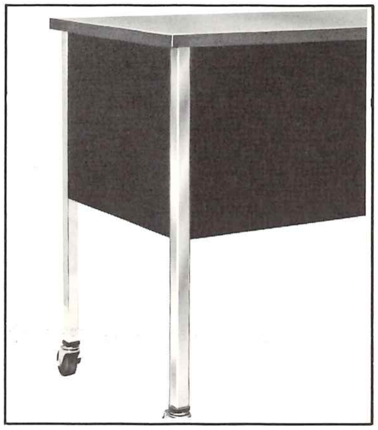


MS-10

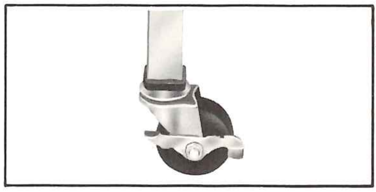
MODEL BMT-1832



TEXTURED WALNUT TOPS are constructed of high pressure laminated plastic sheet bonded to wood particle board core, overall thickness of 13/16 inches. Edges and corners slightly eased with chamfer to prevent bruising and cutting.



FRAME AND PANEL CONSTRUCTION is functionally designed entirely of steel for brute strength. Legs are ⅞ square steel, satin or mirror chrome plated. Wrap-around panels forming personal shield are 22 gauge sheet steel with formed angle at top and triangular cross section at bottom for smoothness and super strength. Formed steel gussets at front corners of top give lateral stability. Panels are chemically cleaned, coated with metallic phosphate and baked enamel in ebony black.



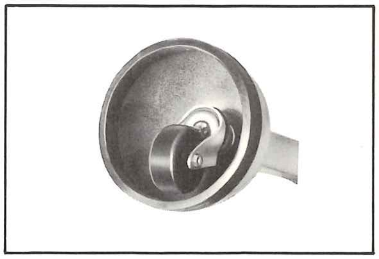
CASTERS on model BMT-1832 are 2 inch diameter soft tread replaceable wheels. Ball-bearing front casters lock individually by foot lever.

OPTIONAL FEATURES

STATIONERY RACK — 5 compartments for standard stationery.

FOLD-DOWN SHELF — hinges up out of way when not needed. See price list for details.

MODELS MS-1 AND MS-10



EXCLUSIVE SAFETY DOMES enclose retractable casters; non-slip grip ring anchors table to floor. Super-built steel frames are one inch tubular steel legs, fully welded construction. Actuating lever mechanism for caster control is mounted to underside of painted press wood/plywood core top, making table portable or fixed. MS-10 tables have leveling device on front legs to compensate for uneven floors.

OPTIONAL FEATURES

MACHINE GRIPPERS—horizontally and vertically adjustable clamps securely anchor office machine in desired position. See price list for details.

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

OFFICE MACHINE
TABLES
PRICE LIST

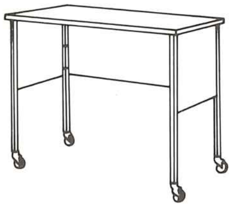
ZONE 1 • NUMBER 3272

F.O.B. PLANT, KANSAS CITY, KANSAS

PRICES AND SPECIFICATIONS
SUBJECT TO CHANGE WITHOUT NOTICE

CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 · 621-6700

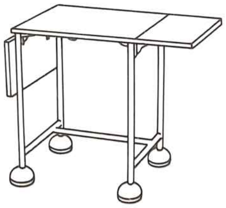
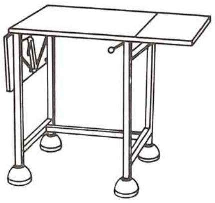
OFFICE MACHINE TABLES

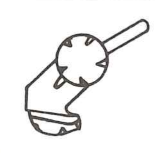
ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	FINISH	SUGGESTED LIST PRICE BY QUANTITY					SHIPPING DATA
				1-2	3-5	6-11	12-50	51 or more	
	**BMT-1832** Ebony Black Panels Textured Walnut Top	TOP: 18″ D x 31½″ L OVERALL HEIGHT: 26″	SATIN CHROME	77.70	74.60	69.30	65.10	63.00	Shipped K 1 per Ctn. 31 lbs.
			MIRROR CHROME	80.90	77.70	72.50	68.30	66.20	

Stock shipments—Above standard table is available for immediate shipment from stock in satin or mirror chrome legs, ebony black panels, textured walnut top.

Optional features—These additional options are available on the above standard table with pricing as follows:

- 2″ Extra Height—Model BMT-1832-X has 28″ top height, add $2.10
- Glides—Model BMT-1832-G has plated glides; maintains 26″ standard top height, deduct $2.10 28″ top height with glides not available.
- Stationery Rack—Model BMT-1832-SR has 5 compartments for standard stationery. Dimensions 9″ W x 11½″ D x 9″ H add $12.60. Additional shipping weight 7½ lbs.
- Fold-Down Shelf—Model BMT-1832-FS hinges up out of way when not needed. Dimensions 29″ W x 10¾″ D x 11½″ H add $10.50. Additional shipping weight 4½ lbs.
- Honey Teak Top add $3.20
- Panels in Cramer standard colors other than black add $3.20 .
- Panels in special colors add 15% to basic list price.

ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	FINISH	SUGGESTED LIST PRICE	SHIPPING DATA
	**MS-1**	CENTER PANEL: 20 W x 17 D DROP LEAVES: 9 W x 17 D HEIGHT: 26 FLOOR AREA: 22 W x 19½ D	BAKED ENAMEL	62.00	Shipped SU 39 lbs.
	MS-1-G With Machine Grippers		BAKED ENAMEL	72.50	Shipped SU 41 lbs.
	**MS-10**		BAKED ENAMEL	104.00	Shipped SU 45 lbs.
	MS-10-G With Machine Grippers		BAKED ENAMEL	114.50	Shipped SU 47 lbs.



Separate Machine Grippers—$12.60 per set—3 lbs.
Color of office machine stand must be specified. Baked enamel finish on metal frame, with tops and leaves finished to match.

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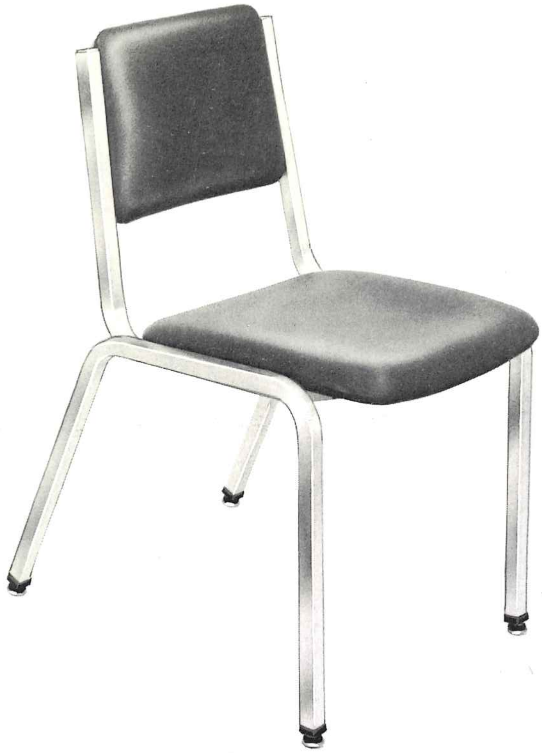
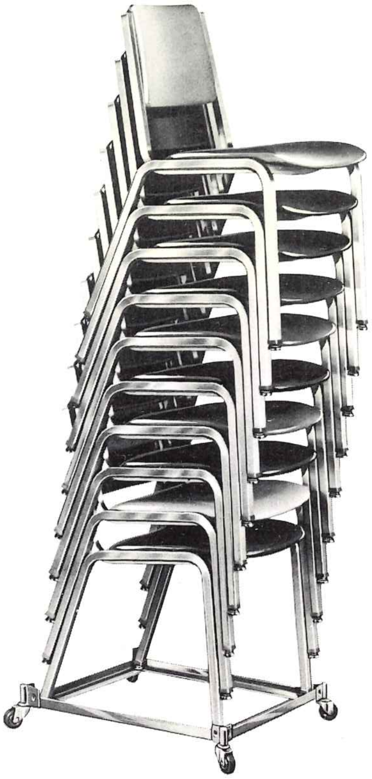
MISCELLANEOUS EQUIPMENT

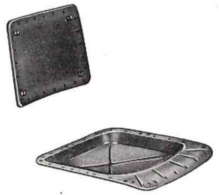




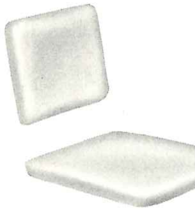
1260

STACK CHAIR SPECIFICATIONS

FRAME CONSTRUCTION—Heavy gauge tubular parts are aluminum, accurately machined and securely welded to form a rigid unit. Frame finish is standard in your choice of CRAMER baked enamel colors or optional Satinlite finish at extra charge.

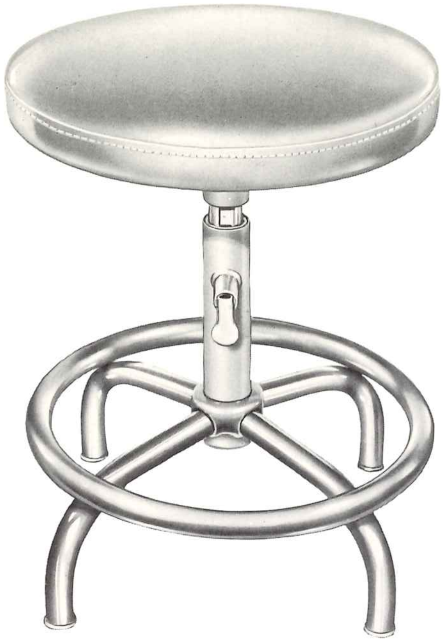


SEAT AND BACK COMPONENTS are fabricated of heavy gauge formed sheet steel and welded for super strength. Seat pans and saddle shaped and vented for maximum comfort.

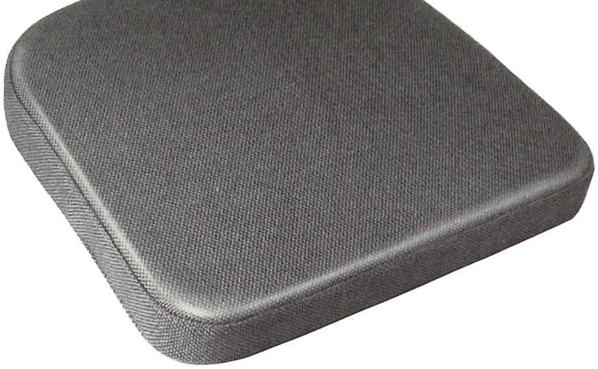


FOAM CUSHIONING—Luxurious comfort is provided with foam cushioning throughout. 2 inch cushion thickness in sitting area and controlled density ensures correct posture and maximum comfort. Back cushion is ¾ inch.

OPTIONS: Storage truck and Ganging Bracket. See price list for details.

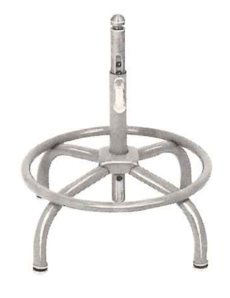


MD-52

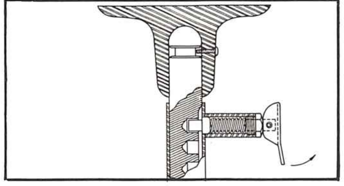


DC-20

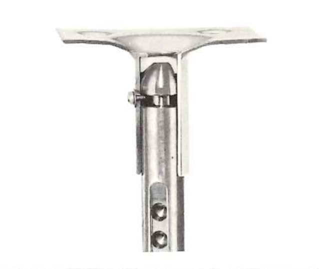
MEDICAL STOOL AND CUSHION SPECIFICATIONS



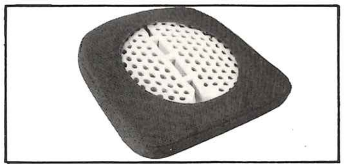
Tubular base is made of 1 OD x 14 gage steel legs welded to 1-7/16 OD x 14 gage steel barrel. A structural cap of 14 gage formed sheet steel covers the welded joint and is welded to the legs for added strength. Top 3 inches of barrel are swaged to 1⅛ inch inside diameter to accurately receive the seat support spindle. Chrome plated fixed footring, made of ¾ OD x 16 gage steel tubing and attaches to base legs with hardened steel screws, is formed to 14 inch diameter and is 5¾ inches off the floor. Nickel plated 1-1/16 diameter hardened steel, rubber cushioned glides are standard. Base spread is 15 inches.



Adjust-A-Lok plunger screws into ⅜ OD x 16 gage steel tubing welded into base barrel. Finger tip lever actuates ⅜ inch diameter spring-loaded steel plunger pin, providing fast and safe, instantly up or down seat height adjustment at 11/16 increments. Thirty pound compression spring automatically engages plunger pin into holes of 1⅛ inch diameter steel spindle ensuring positive adjustment.



Fabricated seat support consists of 5 x 5 x 12 gage sheet steel plate with 1⅜ OD x 11 gage steel hub fusion welded to it. Spindle extends 2¾ inches into spider hub, and fits into Delrin thrust bearing, which provides full radial contact with the radiused top of the non-revolving spindle to ensure smooth swivel action of the seat. Benefits: Simplicity, freedom of maintenance, ease of seat rotation. The 13 diameter steel seat is die formed of 14 gage steel. Seat is ventilated. The upholstered seat is 1 inch thick polyurethane foam cushion, with replaceable cover, part numbered for identification, and an extended vinyl internal bumper around the bottom edge of the seat pan.



FOAM CUSHIONS 2½ inches thick provides excellent ventilation and high resilience. Durathane is a quality, long-lasting foam material that gives years of comfort and service. Removable covers come in your choice of colors in group 1 cloth only.

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

MISCELLANEOUS EQUIPMENT PRICE LIST

ZONE 1 • NUMBER 3272

F.O.B. PLANT, KANSAS CITY, KANSAS

PRICES AND SPECIFICATIONS
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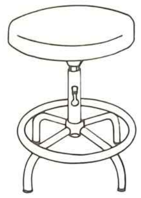
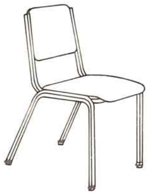
P-1 MISCELLANEOUS EQUIPMENT PRICE LIST 3272

ILLUSTRATION	MODEL No. AND DESCRIPTION	DIMENSIONS	C.O.M.	SUGGESTED LIST PRICE BY FABRIC GROUP 1	2	3	4	SHIPPING DATA
	**MD-2** Padded Medical Stool	OVERALL: 18 H x 15 W x 15 D SEAT: 13″ Dia. SEAT HEIGHT: 18-25	1 Chair ½ yds. 2 or more ¼ yds. each chair	45.20	48.30	51.50	54.60	Shipped SUR 19 lbs.

ALUMINUM STACK CHAIRS

ILLUSTRATION	MODEL NO. AND DESCRIPTION	DIMENSIONS	Quantity	C.O.M.	SUGGESTED LIST PRICE BY FABRIC GROUP 1	2	3	4	SHIPPING DATA
	**1260** Stack Chair	OVERALL: 30 H x 18 W x 21 D SEAT: 15½ W x 17 H BACK: 13 W x 10 H SEAT HEIGHT: 18	1 - 25	1 Chair 1½ yds. 2 or more ¾ yds. each chair	51.50	54.60	58.80	62.00	Shipped SU Alum *5 per Ctn. 70 lbs. Double Pack 32 lbs. Single Pack 18 lbs.
			26 - 100		49.40	52.50	56.70	59.90	
			101 or more		48.30	51.50	55.70	58.80	

OPTIONS:

Storage Truck for Stack Chairs— $16.80

Ganging Bracket— $4.20

Frame Finish is standard in your choice of Cramer selection of baked enamel colors. For 016 Satin Aluminum frame, add $8.40 List. *NOTE: Add $2.10 List per chair when ordering less than multiple of 5 chair pack.

LOOSE CUSHIONS

AVAILABLE IN OXFORD CLOTH ONLY

COMPLETE CUSHIONS WITH COVERS

MODEL NO. AND DESCRIPTION	DIMENSIONS	SUGGESTED LIST PRICE EA.
DC-20 Cramer Durathane Foam Cushions	17″ Wide x 14″ Deep x 2″ Thick	8.90
LC-1 Genuine Foam Latex Cushions	15″ Wide x 14″ Deep x 2″ Thick	12.10
LC-2 Genuine Foam Latex Cushions	17″ Wide x 14″ Deep x 2″ Thick	12.60
LC-3 Genuine Foam Latex Cushions	17″ Wide x 16½″ Deep x 2″ Thick	13.70
LC-4 Genuine Foam Latex Cushions	18½″ Wide x 18″ Deep x 2″ Thick	16.80

LOOSE CUSHION REPLACEMENT COVERS ONLY

COVER FOR	SUGGESTED LIST PRICE	COVER FOR	SUGGESTED LIST PRICE
LC-1 **P/N 3-1123**	5.30	LC-54 **P/N 3-1130**	7.40
LC-2, DC-20 **P/N 3-1124**	6.30	LC-13 **P/N 3-1146**	5.30
LC-3, DC-30 **P/N 3-1125**	6.80	LC-14 **P/N 3-1147**	6.30
LC-4, DC-40 **P/N 3-1126**	7.40	LC-15 **P/N 3-1148**	6.80
LC-51 **P/N 3-1127**	5.30	LC-131 **P/N 3-1149**	5.30
LC-52 **P/N 2-1128**	6.30	LC-141 **P/N 3-1150**	6.30
LC-53 **P/N 3-1129**	6.80	LC-151 **P/N 3-1151**	6.80

PARTS

PARTS

REPLACEMENT
PARTS-COVERS
PRICE LIST

ZONE 1 • NUMBER 3272

F.O.B. PLANT, KANSAS CITY, KANSAS

PRICES AND SPECIFICATIONS
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CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 · 621-6700

PRICING SCHEDULE
REPLACEMENT PARTS

3272

PART NAME	PART NO.	DESCRIPTION	EACH
SEAT CUSHIONS	3-130	Genuine foam latex, #1, Type A-12 and U-12	11.00
	3-131	Genuine foam latex, #2, Type A-22 and U-22	12.70
	3-558	Genuine foam latex, #3, Type A-33 and U-33	16.00
	3-453	Genuine foam latex, #4, Type A-44	16.60
	3-304	Genuine foam latex, #2 Oval, Type 4D-22	12.20
	3-2213	Durathane foam, #1, Type E-12M	6.10
	3-2214	Durathane foam, #2, Type E-22M	6.60
	3-2222	Durathane foam, #2 Oval, Type F-22M	6.10
	3-1622	Durathane foam, Type 15C-22	7.10
	3-2223	Durathane foam, Type 1200	6.60
	3-2221	Durathane foam, Type 1220	7.10
BACK CUSHIONS	5-459	Genuine foam latex, #1 old style	2.20
	5-56	Genuine foam latex, #2 old style	2.70
	5-55	Genuine foam latex, #2000 size, Type 11A	2.20
	5-76	Genuine foam latex, #2, Type A-22 and U-22	2.70
	5-57	Genuine foam latex, #3, Type A-33 and U-33	3.40
	5-128	Genuine foam latex, #4, Type A-44	12.20
	5-391	Durathane foam, #2, Type E-22M	1.70
	5-482	Durathane foam, Type 1200	2.20
ARM CUSHIONS	3-2310	Tenite, plastic, unpadded, Type -1	2.80
	3-543	Genuine foam latex, Type -2	2.20
	3-185	Genuine foam latex, old style #333A	6.60
	3-651	Genuine foam latex, Type -4	7.10
	3-1776	Genuine foam latex, Type -6	2.20
	3-1777	Genuine foam latex, Type -7	7.10

PART NAME	PART NO.	DESCRIPTION	PRICE EACH
ARM ASSEMBLIES	3-2829	Arm rest assy., Type -5 light padded	3.20
	3-1958	Arm rest assy., Type -6, including pan, cushion, and cover in Group 2 Group 3 Group 4	 6.30 6.80 8.40
	3-1959	Arm rest assy., Type -7, including pan, cushion, and cover in Group 2 Group 3 Group 4	 8.40 9.50 10.50
BUMPERS	3-1461	Wide gage, external, seat, #1, Type A-12 and U-12	2.20
	3-1462	Wide gage, external, seat, #2, Type A-22 and U-22	2.20
	3-1463	Wide gage, external, seat, #3, Type A-33 and U-33	2.50
	3-1464	Wide gage, external, seat #4, Type A-44	2.50
	3-140	Narrow gage, extruded, seat, #1	1.20
	3-147	Narrow gage, extruded, seat, #2 and #3	1.20
	5-206	Back, internal, #1, Type 11A	.50
	5-207	Back, internal, #2, Type A-22, U-22, E-22, and C-22	.50
	5-208	Back, internal, #3, Type A-33 and U-33	.50
	5-272	Back, internal, #4, Type A-44	.60
	5-437	Back, external, #1, Type 11A	.60
	5-271	Back, external, #2, Type A-22 and U-22	.60
	5-305	Back, external, #3, Type A-33 and U-33	1.20
	5-273	Back, external, #4, Type A-44	1.20
	3-282	Arm, wide gage, Type 333A	1.20
	6-44	Bumper, rubber, clip type, for cast aluminum Safety Domes on old style Stop-Steps	.50
	7-120	Bumper, molded plastic ring, for formed steel Safety Domes on Office Machine Stands and Stop-Steps	.50
UPRIGHTS	4-6	Spring steel, "L" shaped, 18⅝" long, Type A-22 and U-22	2.70
	4-60	Spring steel, "L" shaped, 17⅛" long. Type 15C-22 and E-22M	2.70
	4-81	Spring steel, loop type, for double post Ortho-Tilt	4.90

PRICING SCHEDULE
REPLACEMENT PARTS

PART NAME	PART NO.	DESCRIPTION	EACH
CASTERS	1-46	2″ Ball-Bearing, soft tread, for Tubular Chairs	1.80
	1-556	2″ Hooded Ball-Bearing, soft tread, for Tubular Chairs	2.40
	1-597	2″ Non-Ball-Bearing, soft tread, for Tubular Chairs	1.30
	1-1827	2″ Ball-Bearing, soft tread, for chairs with Type "4" Hi Model, Formed Sheet Steel, and Cast Aluminum Bases	1.80
	1-1480	2″ Hooded Ball-Bearing, soft tread, for Aluminum Chairs; interchangeable with P/N 1-152	2.40
	1-159	2″ Ball Bearing, soft tread, threaded, for old style Hi Models	2.40
	1-783	1⅝″ Ball-Bearing, soft tread, for Models OMS-10 and MS-10 Office Machine Stands	1.70
	7-535	1⅝″ Ball-Bearing, soft tread, with socket, for Model MS-1 Office Machine Stand	1.10
	6-436	1⅝″ Ball-Bearing, soft tread, for Stop-Steps	1.70
CASTER WHEELS	1-560	2″ Soft Tread	.70
	1-757	2″ Hard Tread	.70
	7-120	1⅝″ Soft Tread	.50
	1-873	1⅝″ Hard Tread	.50
CASTER SOCKETS	1-47	For Tubular Chairs with 1″ O.D. tubing	.40
	1-758	For Tubular Chairs with 1¼″ O.D. tubing (obsolete models)	.50
GLIDES	1-348	Rubber Cushioned, threaded, for old style Hi Models	.70
	1-496	Rubber Cushioned, for Tubular Chairs (With steel pintle—used with socket P/N 1-47)	1.00
	1-784	Rubber Cushioned, with umbrella retainer, for Type "4" Hi Models	.80
	1-960	Rubber Cushioned, for 1200 Series	.70
	1-1000	Rubber Cushioned, for 900 Series	.50
	1-1001	Rubber Cushioned, for 920 and 930 Series front legs. Each	.60
	1-1002	Rubber Cushioned, for 920 and 930 Series rear legs. Each	.60
	1-851	Rubber Cushioned, with rubber expanding retainer, for steel Side Chairs, 1000 and 1300 Series prior to 12/1/59	.70
	1-1339	Rubber Cushioned, 1 1/16″ diameter, with umbrella retainer, for 1500 and 1600 Series front legs; also for 1000 and 1300 Series front legs after 12/1/59. Each	.70
	1-1340	Rubber Cushioned, 1 1/16″ diameter, with umbrella retainer, for 1500 and 1600 Series rear legs; also for 1000 and 1300 Series rear legs after 12/1/59. Each	.60

PRICING SCHEDULE REPLACEMENT PARTS

PART NAME	PART NO.	DESCRIPTION	EACH
GLIDES	1-1326	Rubber Cushioned, 1⅜″ diameter, with umbrella retainer, for 6600 Series Section-L Seating	.80
	1-1360	Glide for 1400 "K" Series—specify brass or satin-chrome finish	2.10
	1-1382	Rubber Cushioned, 1 1/16″ diameter, with umbrella retainer, for all 1″ O.D. tubular leg bases, including both hi and low models	.70
		Note: Type "4" refers to 4D-22M, 4E-22M, 4F-22M, etc., Hi Models with adjustable footring bases	
PLUNGERS	1-240	Assy., Plunger, standard, tubular, Type U-22	1.70
	1-1201	Assy., Plunger, hexagon, Type A-22 and Type "4" Hi Model (If in doubt, send old plunger for identification)	2.20
SPRINGS	5-15	Back box spring, small, ⅝″ O.D. x 1¼″ long, for #1, 2, & 3 size backs	.10
	5-227	Back box spring, large, ¾″ O.D. x 1¼″ long, for #4 and larger size backs	.30
	1-36	Caster spring, for Stop-Step Models SS-10 and SS-20	.20
	6-141	Caster spring, for Stop-Step Models SS-30 and SS-40	.30
	6-64	Caster spring, for Stop-Step Models SS-50 and SS-60	.30
	6-184	Caster spring, for Stop-Step Models SS-70 and SS-80 (For any spring not listed, return original spring or specify the following: overall length, outside diameter, and number of coils).	.50
MODEL KS-1 KIK-STEP PARTS	6-264	Top tread, rubber	1.40
	6-287	Base tread, rubber (3 required)	.60
	6-290	Base center bumper, plastic, 3½″ wide	2.00
	6-305	Base bottom bumper, rubber	1.80
	6-300	Caster wheel	.50
MISC. PARTS	3-2646	Hand wheel, Seat	.50
	3-63	Handwheel, seat, with stud 1½″ long	.50
	5-1115	Handwheel, back, with stud 1″ long	.50
	3-174	Protective cover for handwheels	.30
		Rubber cement, one-half pint	1.20
		Touch-up lacquer, one-half pint	1.70

PRICING SCHEDULE
REPLACEMENT COVERS

SERIES	PART NO.	MODEL TYPES	SUGGESTED LIST PRICES			
			1	2	3	4
SEATS						
MISCELLANEOUS	3-34	E-12, U-12, A-12, 6E-12, 4E-12, 2150, 2151, 11-A, 12-A, 11, 12, 2451	7.40	8.40	10.50	13.70
	3-73	E-22M, U-22M, A-22M, 6E-22M, 4E-22M, 2250, 2251, 21-A, 22-A, 21, 22, 23, 2452, PSB-1723, PSB-2430, PSB-2935, PSBI-1723, PSBI-2432, 8-150M	8.40	9.50	11.60	14.70
	3-154	U-33M, A-33M, A-333, 33, 333, A-36-DO, 33-A, LM-33, 3-LM, 233, 2333, 4D-U-33M, 4DA-33M	8.40	9.50	11.60	14.70
	3-226-1	723-S, 7223-S	7.40	8.40	10.50	13.70
	3-226-2	723, 7223	7.40	8.40	10.50	13.70
	3-227	7334, 7335	7.40	8.40	10.50	13.70
	3-232	FS-1, FS-2, FS-2H	7.40	8.40	10.50	13.70
	3-363	4RM2, MD-5-HM	6.30	7.40	9.50	12.60
	3-459	4RM1, 6E-RM1, PRS-1521, PRS-2127, PRS-2632, PRSI-1624, PRSI-2230, 11-1450-1 MD-2, MD-4, U-RM1-HM	6.30	7.40	9.50	12.60
	3-611	4D-22M, 4D-22M-T, 330, F-22M, 3330, 823, 8223, 2422, 2422-T, BK-22M, LD-22M, BK and LD, J-22, L.O., MO-22M	7.40	8.40	10.50	13.70
	3-379	#5 Size	9.50	11.60	13.70	16.80
	3-380	3151, 3152, 3451	8.40	9.50	11.60	14.70
	3-1016	A-44, A-47-DO, A-44M, A-44M-O, A-447M A-447M-O, A-487M-D, A-487M-DO	9.50	11.60	14.70	18.90
	3-1616	C-22, PM-22	7.40	8.40	10.50	13[illegible]
	3-1956	6600	10.50	12.60	15.80	20.00
	3-1509	753	—	—	—	25.20
900	3-514	900, 901, 902	7.40	8.40	10.50	13.70
	3-655	920, 921, 923, 953	9.50	11.60	14.70	18.90
	3-1184	910, 911, 912, 913	9.50	11.60	14.70	18.90
	3-1630	930	9.50	11.60	14.70	18.90
	3-1631	931	9.50	11.60	14.70	18.90
	3-1632	932	9.50	11.60	14.70	18.90
	3-1633	933	9.50	11.60	14.70	18.90
1000	3-1325	1000	8.40	10.50	13.70	17.90
	3-1326	1020, 1021, 1022, 1023	9.50	11.60	14.70	18.90
1100	3-2057	1100	8.40	10.50	13.70	17.90
	3-1422	1153 Seat Cushion Cover	—	—	—	24.20
	3-1423	1153 Seat Frame Cover	—	9.50	—	—

PRICING SCHEDULE
REPLACEMENT COVERS

SERIES	PART NO.	MODEL TYPES	SUGGESTED LIST PRICES			
			1	2	3	4
1200	3-1450	1200, 1201-1, 1230-N, 1240-N 1250-N, 1200-TA	7.40	8.40	10.50	13.70
	3-1487	1220, 1221, 1222, 1223 A-1223, C-1223	8.40	10.50	13.70	17.90
	3-1954	1210	7.40	8.40	10.50	13.70
	3-2582	1260	7.40	8.40	10.50	13.70
1300	3-1610	1310	9.50	11.60	14.70	18.90
	3-1611	1311	9.50	11.60	14.70	18.90
	3-1612	1312	9.50	11.60	14.70	18.90
	3-1613	1313	9.50	11.60	14.70	18.90
1400	3-1940	1400, 1402	10.50	12.60	15.80	20.00
	3-1942	1421, 1423	11.60	13.70	16.80	21.00
K Series	3-1952	K-22, K-22-DO, K-22-D, K-22-O	9.50	11.60	14.70	18.90
1500	3-2041	1500, 1501, 1502, 1503	8.40	10.50	13.70	17.90
	3-2085	1506	8.40	10.50	13.70	17.90
	3-2087	1511	9.50	11.60	14.70	18.90
	3-2045	1520, 1521, 1522, 1522-DO 1523, 1523-DO, 1553	9.50	11.60	14.70	18.90
	3-73	15C-22, 15C-22-DO, 15C-22-O	8.40	9.50	11.60	14.70
1600	3-2041	1600, 1601, 1602, 1603	8.40	10.50	13.70	17.90
	3-2045	1620, 1621	9.50	11.60	14.70	18.90
1700	3-2440	1720, 1721, G-1723, G-1753	10.50	12.60	15.80	20.00
	3-2442	GG-22-DO	9.50	11.60	14.70	18.90
1800	3-2673	1800	8.40	10.50	13.70	17.90
	3-2674	1820, 1821, 1822, 1823	9.50	11.60	14.70	18.90
	3-2675	18E-22, 18C-22, 18C-22-DO	7.40	9.50	12.60	16.80
1900	3-2756	1920, 1921, 1922, 1923, 1953, 1973, 1983	17.90	21.00	24.20	28.40
	3-2757	19G-22, 19G-22-0, 29G-22, 29G-22-0	12.60	14.70	18.90	23.10
2500	3-2673	2500	8.40	10.50	13.70	17.90
	3-2674	2520, 2521, 2522, 2522-DO, 2523, 2523-DO 2552, 2553, 2560, 2561, 2562, 2563	9.50	11.60	14.70	18.90
	3-2675	25U-22, 25C-22, 25C-24, 25U-24, 25C-24-DO 255-22, 255-24, 251U-22, 251C-22, 251G-24	7.40	9.50	12.60	16.80
BACKS	5-21	2150, 2250, 11, 2451, FS-1	6.30	7.40	9.50	12.60
MISC	5-28	2151, 2251, 12, 2452, 2422, 2422-T, BK LD, J-22, FS-2, FS-2H	8.40	9.50	11.60	14.70
	5-64	233, 3333, 23, 33, 333, 330, 3330, LO, 3-LM	7.40	8.40	10.50	13.70

PRICING SCHEDULE
REPLACEMENT COVERS

SERIES	PART NO.	MODEL TYPES	SUGGESTED LIST PRICES			
			1	2	3	4
MISC (Continued)	5-153	#4 Size	8.40	9.50	12.60	15.80
	5-154	#5X Size	8.40	9.50	12.60	15.80
	5-155	#10 Size	7.40	8.40	11.60	14.70
	5-156	#1 Size	6.30	7.40	9.50	12.60
	5-267	A-44, A-447M-O, A-447M-DO	8.40	9.50	12.60	15.80
	5-449	A-36-DO	8.40	9.50	12.60	15.80
	5-450	A-47-DO	9.50	11.60	14.70	18.90
	5-113	7334	8.40	9.50	12.60	15.80
	5-114	7335	8.40	9.50	12.60	15.80
	5-493	753	—	16.80	20.00	25.20
	5-494	Outer Back Cover for 753	—	4.20	7.40	10.50
	5-672	6600	10.50	12.60	15.80	20.00
	5-715	A-487M-O, A-487M-DO	9.50	11.60	14.70	18.90
	5-825	A-1100 Outer Back Cover	3.20	4.20	6.30	9.50
	5-71	11A, 21A	5.30	6.30	8.40	11.60
	5-75	A-22M, E-22M, U-22M, 6E-22M, 6E-12M, 4E-12M, 4E-22M, 4D-22M, 4D-22M-T, 4LD-22M, 4LD-22M-T, 255-22, 251U-22, 251G-22, PSB-1723, PSB-2430, PSB-2935, PSBI-1723, PSBI-2432, 187-22, 15C-22, 15C-22-O, 15C-22-DO, F-22M, 6F-22M, 4F-22M, BK-22M, LD-22M, 12A, 22A, C-22, J-22, PM-22, 8-150M	6.30	7.40	9.50	12.60
	5-146	A-33M, A-33M-DO, A-33M-O, U-33M, 4D-U33M, 4D-A33M, 33A, 723, 723-S, 7223, 7223-S, 823, 8223, LM-33, 3-LM	8.40	9.50	12.60	15.80
900	5-188	900, 901, 902, 903	7.40	8.40	11.60	14.70
	5-410	910, 912, 930, 932	9.50	11.60	14.70	18.90
	5-413	911, 923, 931, 933	9.50	11.60	14.70	18.90
	5-251	920, 922	9.50	11.60	14.70	18.90
	5-281	921, 923	9.50	11.60	14.70	18.90
	5-253	953	9.50	11.60	14.70	18.90
	5-260	Outer Back Cover for 953	3.20	4.20	6.30	9.50
	5-252	Outer Back Cover for Models 900, 901, 902, 903, 910, 912, 930, 932, 911, 913, 931, 933, 920, 922, 921, 923	3.20	4.20	6.30	9.50
1000	5-449	1000	8.40	9.50	12.60	15.80
	5-450	1020 1021, 1022, 1023	9.50	11.60	14.70	18.90

PRICING SCHEDULE
REPLACEMENT COVERS

SERIES	PART NO.	MODEL TYPES	SUGGESTED LIST PRICES			
			1	2	3	4
1100	5-463	1153	$ —	15.80	18.90	24.20
	5-464	Outer Back Cover for 1153	—	4.20	7.40	10.50
1200	5-491	1224, 1200, 1201, 1220, 1221, 1222, 1223, A-1223, C-1223, 1250-N, 1200-TA	8.40	9.50	12.60	15.80
	5-834	1230-N, 1240-N	9.50	11.60	14.70	18.90
	5-670	1210	8.40	9.50	12.60	15.80
	5-932	1260	6.30	7.40	9.50	12.60
1300	5-520	1310, 1311, 1312, 1313	9.50	11.60	14.70	18.90
1400	5-659	1400, 1402	9.50	11.60	14.70	18.90
	5-661	1421, 1423	9.50	11.60	14.70	18.90
K Series	5-663	K-22, K-22-O, K-22-D, K-22-DO	8.40	9.50	12.60	15.80
1500	5-705	1500, 1501, 1502, 1503, 1506	6.30	7.40	9.50	12.60
	5-707	1511, 1520, 1521, 1522, 1522-DO, 1523, 1523-DO	7.40	8.40	10.50	13.70
	5-715	1553	9.50	11.60	14.70	18.90
	5-75	15C-22, 15C-22-O, 15C-22-DO	6.30	7.40	9.50	12.60
1600	5-787	1600, 1601-6, 1602, 1603-6	9.50	11.60	14.70	18.90
	5-794	1620, 1621-7	10.50	12.60	16.80	20.00
1700	5-887	1720, 1721, G-1723, G-1753	10.50	12.60	15.80	20.00
	5-889	GG-22-DO	9.50	11.60	14.70	18.90
1800	5-75	18E-22, 18C-22, 18C-22-DO	6.30	7.40	9.50	12.60
	5-705	1800	6.30	7.40	9.50	12.60
	5-707	1820, 1821, 1822, 1823	7.40	8.40	10.50	13.70
1900	5-981	1920, 1921, 1922, 1923, 1953	15.80	17.90	21.00	25.20
	5-983	Outer Back Cover Models 1920, 1921, 1922, 1923	2.10	4.20	6.30	9.50
	5-984	19G-22, 19G-22-O	13.70	15.80	18.90	23.10
	5-985	Outer Back Cover Models 19G-22, 19G-22-O	2.10	3.20	5.30	8.40
	5-1043	Outer Back Cover Model 1953	2.10	3.20	5.30	8.40
2500	5-75	25C-22, 25C-22-DO, 25U-22, 255-22, 251U-22, 251C-22	6.30	7.40	9.50	12.60
	5-1037	25C-24, 25U-24, 25C-24-DO, 255-25, 251G-24	6.30	8.40	10.50	13.70
	5-1038	2560, 2561, 2562, 2563	7.40	9.50	11.60	14.70

PRICING SCHEDULE
REPLACEMENT COVERS

SERIES	PART NO.	MODEL TYPES	SUGGESTED LIST PRICES			
			1	2	3	4
2900	5-1073	29G-22, 29G-22-O	8.40	10.50	13.70	17.90
	5-985	Outer Back Cover Models 29G-22, 29G-22-O	2.10	3.20	5.30	8.40
	5-1084	2900	10.50	12.60	15.80	20.00
	5-1090	Outer Back Cover Model 2900	2.10	3.20	5.30	8.40
	5-1085	2920, 2921, 2923, 2952, 2953	12.60	14.70	17.90	22.10
	5-1091	Outer Back Cover Models 2920, 2921, 2923, 2952, 2952	2.10	3.20	5.30	8.40
ARM COVERS PRICED EACH	3-186 Left 3-187 Right	A-333, U-333, 333	—	3.20	4.20	5.30
	3-515	—2 Light Padded	—	4.20	5.30	6.80
	3-657	—4 Heavy Padded	—	4.70	5.80	7.40
	3-1420 Left 3-1421 Right	Type 1153	—	7.90	—	10.50
	3-1510 Left 3-1511 Right	Type 753	—	7.90	—	10.50
	3-1780	—6 Medium Padded	—	4.20	5.30	6.80
	3-1781	—7 Heavy Padded	—	4.70	5.80	7.40
	3-3017 Left 3-3016 Right	1921-10, 1923-10, 1953-10	4.80	5.30	6.30	7.40
	3-2815	Panel Arm Cover, Type 1921-PA, 1923-PA, 1953-PA, 1973-PA, 1983-PA	1.10	1.60	2.10	3.40
OBSOLETE ARM COVERS			—	6.30	7.90	10.00

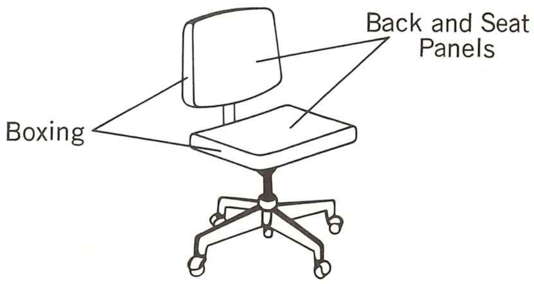
ORDER INFORMATION AND TERMS OF SALE

ORDER INFORMATION

Complete and accurate information will speed service. Excessive descriptions can cause errors and delays. Use only Cramer catalog description and be sure to specify the following on your order: • SHIPPING INSTRUCTIONS • QUANTITY REQUIRED • MODEL NUMBER AND OPTIONS • DESK PLASTIC LAMINATE DESCRIPTION • FRAME FINISH NUMBER, COLOR AND DESCRIPTION • UPHOLSTERY NUMBER COLOR AND NAME.

COMBINATION COVERS AND TERMINOLOGY—Vinyl and cloth may be combined from any selection. The highest group material selected applies in pricing. Specify as follows:

1. For seat and back panels of cloth and boxing trim of vinyl, state CLOTH FIRST for seat and back panels and Vinyl second for boxings.
2. For cloth seat and vinyl back state Cloth description SEAT ONLY and Vinyl description BACK ONLY.



CUSTOMER OWN MATERIAL—When upholstery is furnished by customers, the following pricing applies:

USE GROUP 2 PRICE

Unless otherwise specified by customer, upholstered arm rests when applicable will be furnished in matching or blending vinyl material.

SPECIAL FRAME FINISH—In addition to Cramer standard finishes illustrated on the catalog frame finish card, special finishes matching other manufacturers' colors are available as follows:

	LESS THAN 6	6 OR MORE
ALL PRODUCTS EXCEPT KIK-STEP	ADD 15%	ADD 5%

CHROME FINISHES—Mirror and satin chrome are both furniture grade quality. Mirror Chrome is highly polished to a reflective finish. Satin Chrome is finely buffed to a non-reflective satin finish and shows distinctive straight lines from polishing. Bright chrome is commercial equipment grade on mill surfaced metal, neither polished nor buffed.

TERMS OF SALE

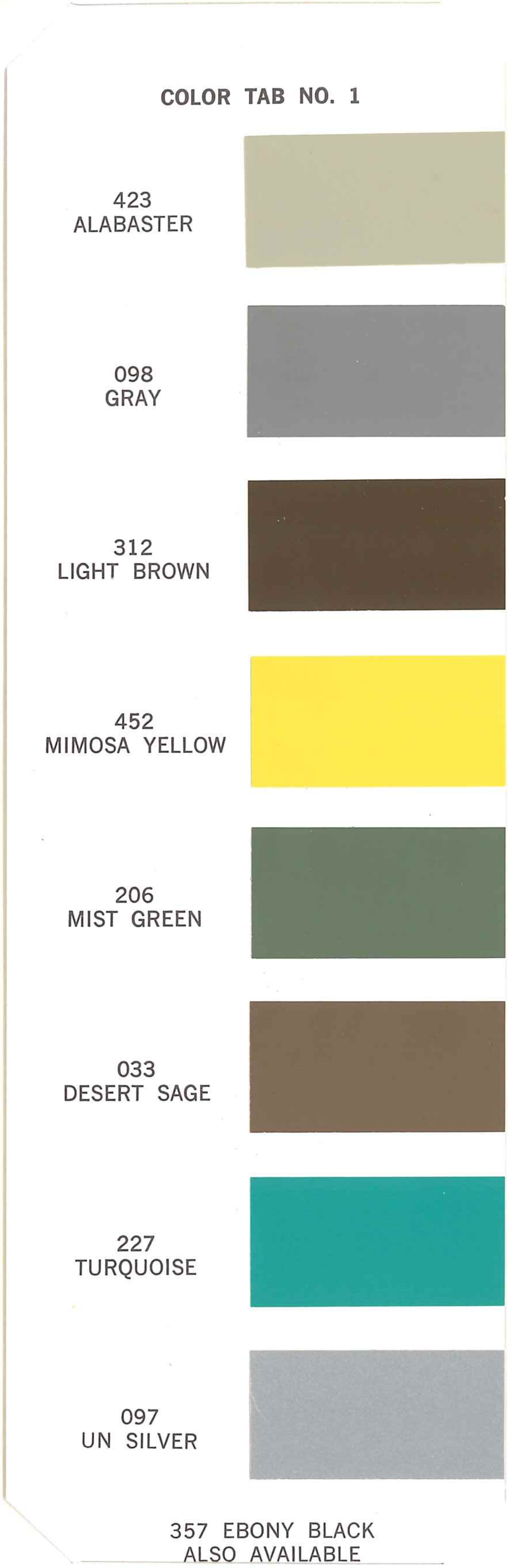
Prices and specifications are subject to change without notice. All prices are F.O.B. plant, Kansas City, Kansas unless otherwise stated. Change orders, cancellations and options not stated in the catalog are subject to extra charge to be determined and quoted by Cramer when such conditions are presented to Cramer. All orders are subject to approval and acceptance at Cramer Industries Inc., 625 Adams, Kansas City, Kansas. Minimum billing charge is $3.00. Terms: 1% cash discount 10 days, net 30 days from date of invoice.

SHIPPING INFORMATION—When customer does not specify a routing, Cramer will in its good judgment ship by best means but will take no responsibility in damage claims or re-imburse disputed shipping charges. Since Cramer products are shipped F.O.B. plant, our responsibility ceases when carriers issue clear receipts to us. Therefore, it is the consignee's responsibility to inspect all merchandise upon receipt, being especially watchful for concealed damage, record any damage immediately upon the bill of lading and file damage claims with the carrier. Replacement covers and parts cannot be accepted for return and re-stocking. Other Cramer products considered for return must be approved by written authorization from Cramer and are subject to a re-stocking charge to be determined and quoted by Cramer.

GUARANTEE—Cramer guarantees to the original purchaser for a period of 10 years from the date of purchase, all structural members of its products against defects resulting from improper workmanship or materials when the products are used under normal conditions. Cramer reserves the right to repair or replace all or part of any defective structural members as Cramer deems proper, at the job site, at a field service company or return to the Cramer factory. The cost of repairing or replacing such parts including any transportation costs shall be pro-rated to the unexpired portion of the 10-year guarantee period.

CRAMER INDUSTRIES INC.
KANSAS CITY, KANSAS

FABRICS
AND
FINISHES



COLOR TAB NO. 1

423
ALABASTER

098
GRAY

312
LIGHT BROWN

452
MIMOSA YELLOW

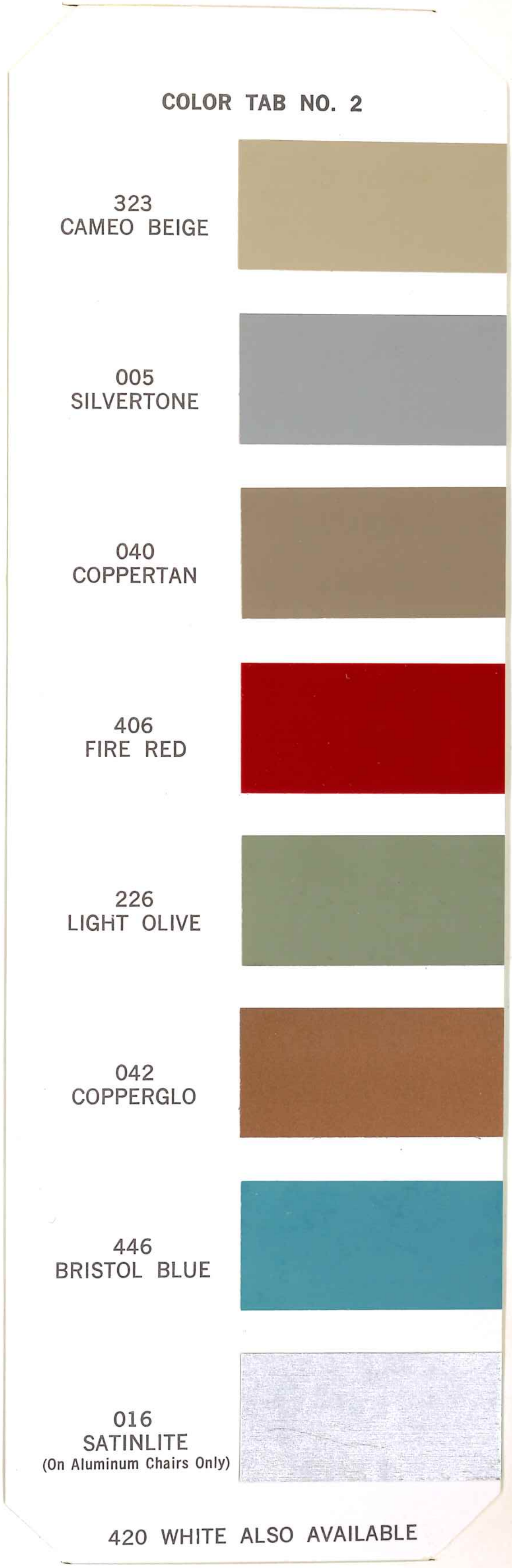
206
MIST GREEN

033
DESERT SAGE

227
TURQUOISE

097
UN SILVER

357 EBONY BLACK
ALSO AVAILABLE



COLOR TAB NO. 2

323
CAMEO BEIGE

005
SILVERTONE

040
COPPERTAN

406
FIRE RED

226
LIGHT OLIVE

042
COPPERGLO

446
BRISTOL BLUE

016
SATINLITE
(On Aluminum Chairs Only)

420 WHITE ALSO AVAILABLE

FRAME FINISHES

These handy color tabs slip out for ease in coordinating frame finishes with upholstery materials on this sample card. For additional color tabs, write Cramer Industries, Inc.

The quality color finishes on Cramer Products are tough, durable and lasting. It is applied by an ultra-modern automatically-controlled **electrostatic, spraying system,** and then heat-baked to a hard, lustrous, long-wearing finish. **All metal parts are phosphate coated,** prior to paint application, affording excellent paint adhesion and corrosion resistance.

LIFT TABS Here
For Easy Removal
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For availability of
Chrome Plated Finishes
see price list

CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 · 621-6700

OXFORD VISCOSE CLOTH — 100% fine quality viscose cloth, unexcelled for Air Flow coolness and modest price. The specially constructed weave is designed for maximum durability and resistance to abrasion. The special spot shed treatment repels liquid and resists spotting. The broad color range affords interesting decoration possibilities.

BURNISHED ANTIQUE ELASTIC VINYL — A Supreme Weight Upholstery Construction which has carefully balanced qualities and is recommended for every seating application where beauty, rugged durability and long service life are essential.

FLAIR — This deeply embossed pattern is for those who have a flair for natural grained beauty. Heavy and light crush areas in the pattern have been blended into smoother sections which resemble hair cell patches, giving a full range of natural variety. It has the unique appearance of top grain hide, is soft and comfortable — and, is easy to clean. Resists soil, stains, abrasion and scuffs.

TEMPO — The beauty of the color and weave you can see in the samples enclosed. You will discover true durability with usage. This fabric is easy to clean and is color fast. This fabric also enjoys a high resistance to abrasion, shrinkage, fuzzing, stretching, tearing, and wearing. Spot resistant and stain repellent.

TWEED CLOTH — A special fiber-blend, spun and woven to rigid specifications, creates a contemporary tweed that combines artistic appeal with that of practical wearability.

DECOR — marks a milestone in upholstery fabrics, for with it vinyl comes to the full realization of all its great potential. It is a self-expanded Royal Naugahyde® — softer, suppler, richer. Decor has all the "plus" advantages of Naugahyde® — soap and water washability, amazing durability, colors that are permanently beautiful. Because of its flexible elasticity it conforms easily and tailors perfectly.

GROSPOINT CLOTH — This is the modern adaptation of the original hand-woven "Grospoint." Its rich simplicity and unexcelled quality make this fabric a favorite among those seeking the ultimate in luxury and long life. Grospoint gives that distinctive look with added advantages of comfort, durability and ease of cleaning.

TEXTURA — Textura is the product of craftsmanship and ingenuity on the power loom. This superb weave of colored yarn captures the custom finish of home spinning and the elegant depth of hand weaving. In contemporary office decor, this 100% nylon fabric provides luxurious distinction and extraordinary durability.

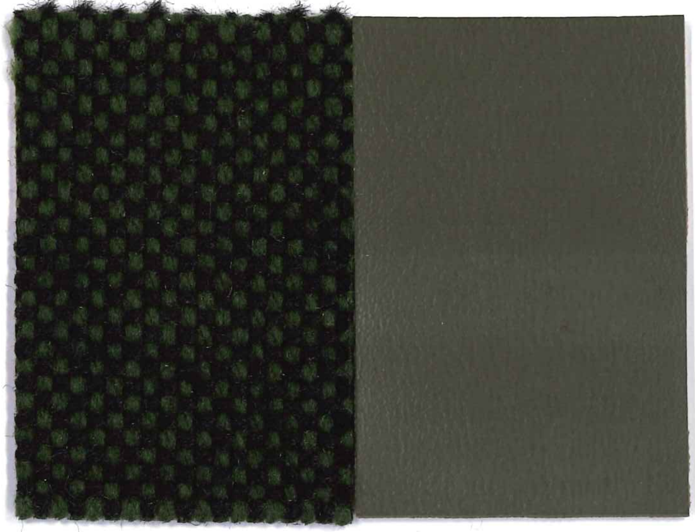
HURON — An interesting out-of-doors effect. Rugged looking, yet possessed of a subtle variety from tone on tone coloring and natural grain embossing. Expanded vinyl construction provides deep-ease luxury — extra tough surface for long life. Slow to soil — easy to clean and is stain, abrasion and scuff resistant.

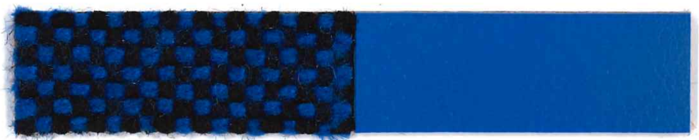
ANY FABRIC OR VINYL SHOWN IN THIS FOLDER
MAY BE COMBINED AND COORDINATED TO YOUR PERSONAL DESIGN AND TASTE

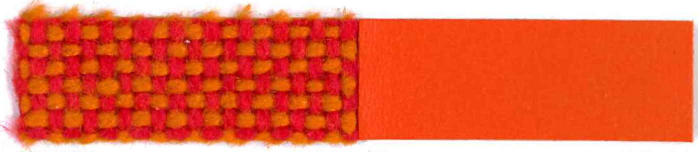
CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 · 621-6700

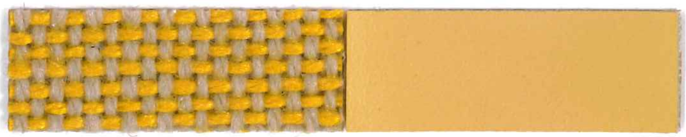
Royal Naugahyde®
THE FINEST IN EXPANDED VINYL FABRIC

GROUP 4 TEXTURA NYLON | **GROUP 3 DECOR VINYL**


TE-610 Black Olive DC-46

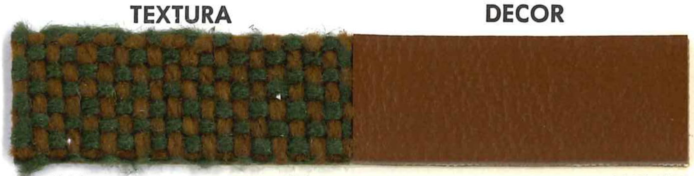

TE-170 Ultramarine Blue DC-33


TE-580 Mandarin Orange DC-64

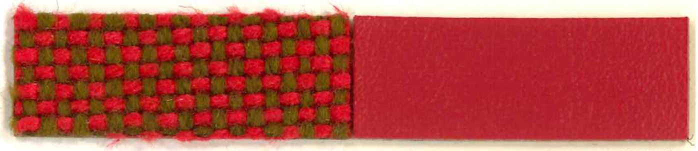

TE-230 Camel Tan DC-57

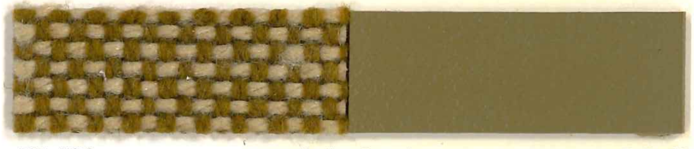
COLOR COORDINATED

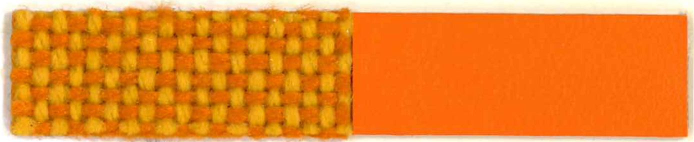
GROUP 4 TEXTURA | **GROUP 3 DECOR**

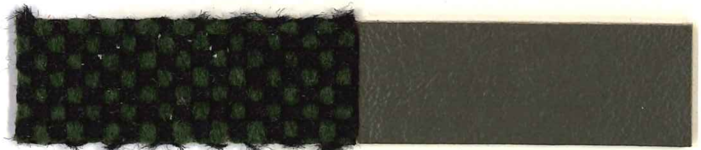

TE-460 Gingersnap DC-17

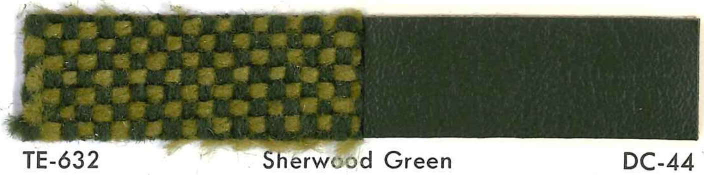
TE-110 Black DC-34


TE-625 Apple Red DC-1


TE-620 Palm Leaf DC-53


TE-380 Tiger Lily DC-63


TE-610 Black Olive DC-46

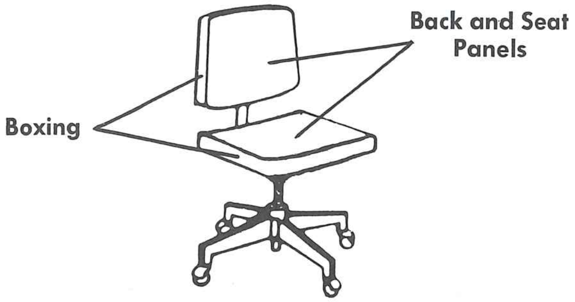

TE-632 Sherwood Green DC-44

COMBINATION COVERS—Vinyl and Cloth in Group 3 and Group 4 may be combined at the Group 4 price.

COMBINATION COVERS—Vinyl and Cloth may be combined from any selection. The highest group material selected applies in pricing. Specify as follows:

1. For seat and back panels of cloth and boxing trim of vinyl, state CLOTH FIRST for seat and back panels and Vinyl second for boxings.

2. For cloth seat and vinyl back, state Cloth description SEAT ONLY and Vinyl description BACK ONLY.

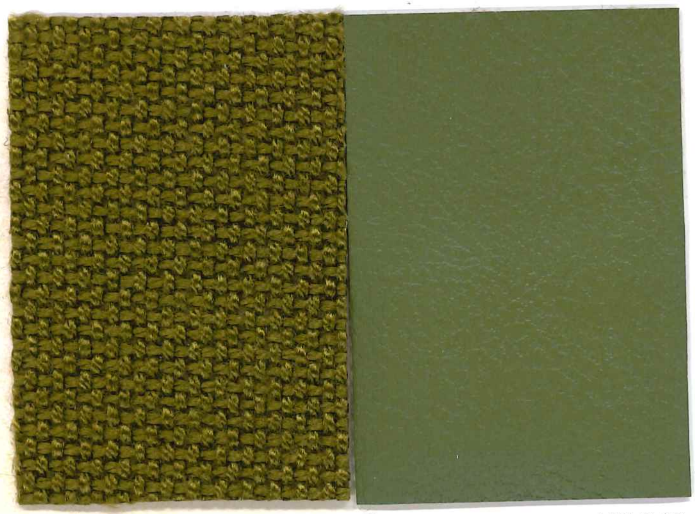


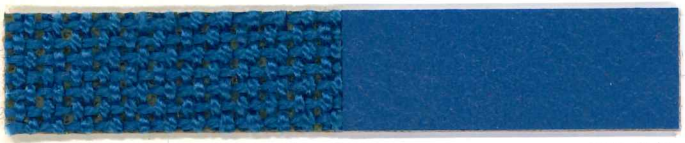
COORDINATED DESIGNER MATERIALS

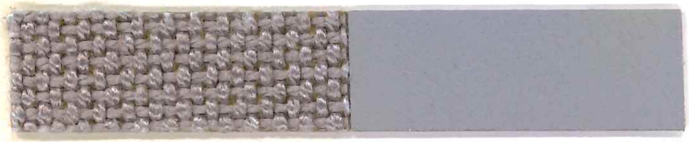
FABRILITE
STAUFFER'S MARK FOR QUALITY VINYLS

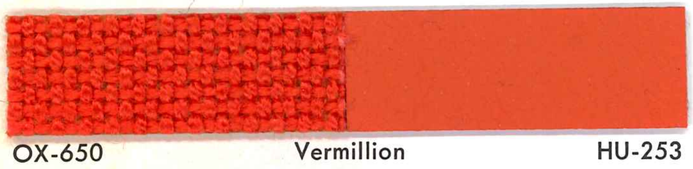
GROUP 1

OXFORD VISCOSE **HURON**


OX-800 Bronze Green HU-240

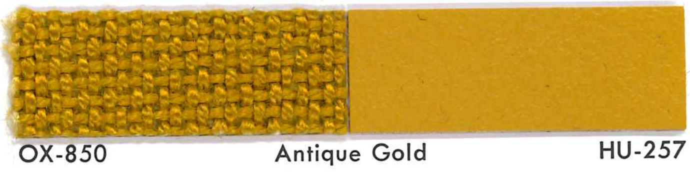

OX-410 Royal Blue HU-242

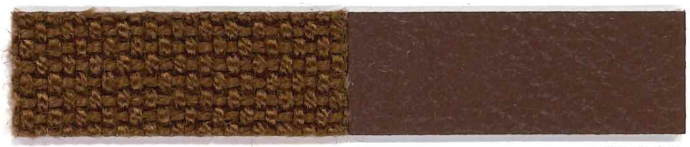

OX-150 Steel Gray HU-261

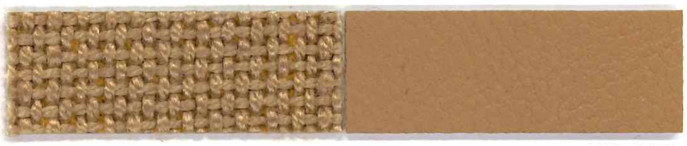

OX-650 Vermillion HU-253

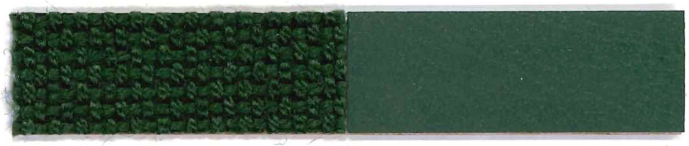
COLOR COORDINATED

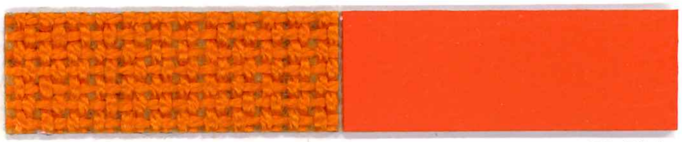
OXFORD **HURON**


OX-850 Antique Gold HU-257


OX-540 Espresso Brown HU-246


OX-920 Mocha HU-262


OX-300 Verde Green HU-260


OX-680 Marigold HU-516

OX-990 Black HU-245

COMBINATION COVERS—Vinyl and Cloth in Group 1 Section may be combined at no extra charge.

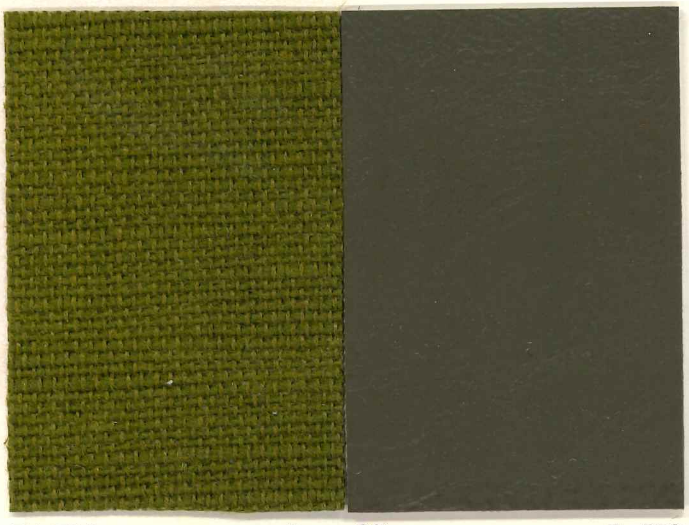
FABRILITE
STAUFFER'S MARK FOR QUALITY VINYLS

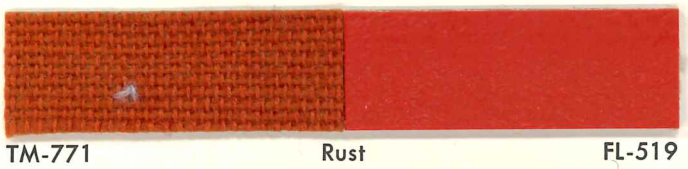
COLOR COORDINATED NYLON

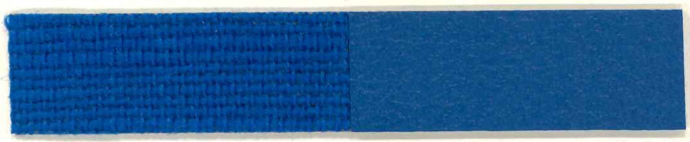
TEMPO—has a high resistance to abrasion, shrinkage, fuzzing, stretching, tearing and wearing. This fabric is easy to clean and is color-fast—spot resistant and stain repellent.

GROUP 2

TEMPO **FLAIR**

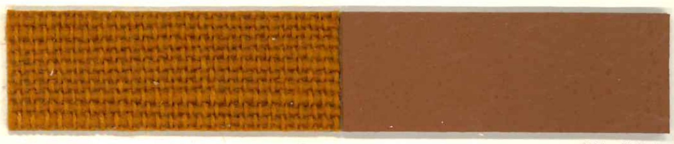

TM-789 Deep Olive FL-579

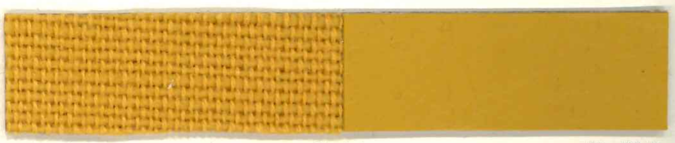

TM-771 Rust FL-519

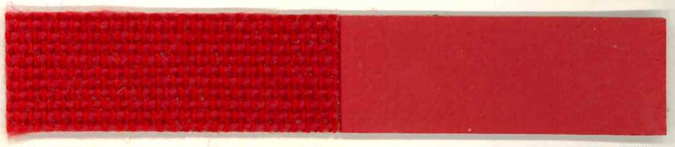

TM-779 Riviera Blue FL-242

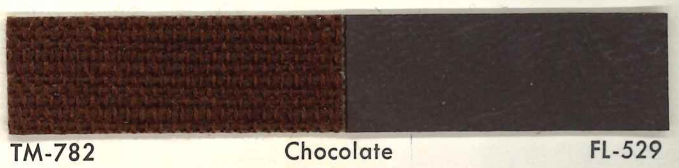
- Has the appearance and feel of natural hide
- Gives the utmost in deep down seating comfort
- In boldly authentic tones of fashion colors

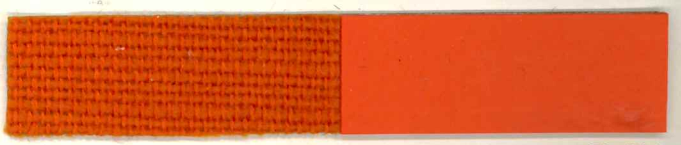
TEMPO **FLAIR**

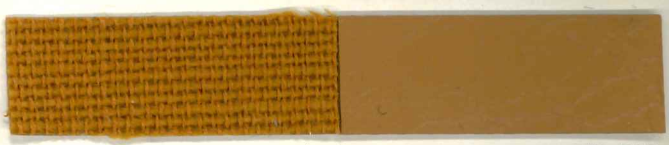

TM-777 Bronze FL-526

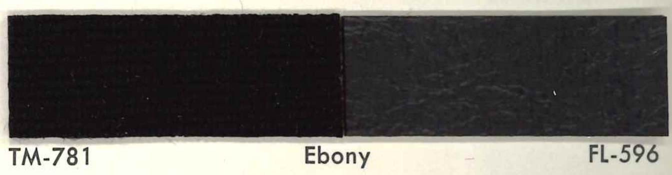

TM-788 Gold FL-512


TM-787 Flame FL-555


TM-782 Chocolate FL-529


TM-785 Melon FL-516


TM-773 Amber FL-513


TM-781 Ebony FL-596

COMBINATION COVERS—Vinyl and Cloth in Group 2 Section may be combined at no extra charge.

STAUFFER'S MARK FOR QUALITY VINYLS

- Has the appearance and feel of natural hide
- Gives the utmost in deep down seating comfort
- In boldly authentic tones of fashion colors

COLOR COORDINATED NYLON

TEMPO—has a high resistance to abrasion, shrinkage, fuzzing, stretching, tearing and wearing. This fabric is easy to clean and is color-fast—spot resistant and stain repellent.

GROUP 2

TEMPO		FLAIR
TM-789	Deep Olive	FL-579
TM-771	Rust	FL-519
TM-779	Riviera Blue	FL-242
TM-777	Bronze	FL-526
TM-788	Gold	FL-512
TM-787	Flame	FL-555
TM-782	Chocolate	FL-529
TM-785	Melon	FL-516
TM-773	Amber	FL-513
TM-781	Ebony	FL-596

COMBINATION COVERS—Vinyl and Cloth in Group 2 Section may be combined at no extra charge.

ORDERING INSTRUCTIONS

BE SURE TO SPECIFY:

1. Quantity Required
2. Complete Model Number; Describe Options
3. Frame Finish by Color and Number
4. Upholstery Type, Color and Number

UPHOLSTERED ARMS — All arm chairs with upholstered arm rests will be furnished standard with coordinated vinyl.

MOLDED PLASTIC ARMS — Matching or blending colored plastic arm rests are furnished as standard, except on specific models having wood arms as standard.

Any variation from the above standard treatments must be fully specified.

INCLUDE ALL INFORMATION REQUESTED FOR FASTER DELIVERY — Incomplete information causes delays.

STANDARD UPHOLSTERY MATERIALS

FORD FABRICS

BURNISHED ANTIQUE ELASTIC VINYL • GROUP 2

CA-33	Olive Green
CA-46	Sandalwood
CA-52	Persimmon
CA-36	Avocado
CA-42	Oxblood
CA-39	Ginger Brown
CA-44	Smoke Grey
CA-43	Parchment
CA-47	Yew Green
CA-48	Coral
CA-53	Tangerine
CA-58	Sand
CA-55	Grass Green
CA-37	Flame
CA-56	Saddle Tan
CA-49	Black
CA-54	Turquoise
CA-40	White
CA-50	Mustard
CA-31	Crimson

TWEED CLOTH • GROUP 4

TW-81	Green
TW-43	Copper
TW-41	Gold
TW-91	Blue
TW-42	Brown
TW-22	Tan
TW-01	Gray
TW-92	Black

GROSPOINT CLOTH • GROUP 4

1510	Seafoam Green
334	Gold
1766	Brown
1642	Terra Cotta
10224	Dark Green
6083	Blue
1768	Maroon
11804	Gray
11060	Tan
37604	Black

ANY FABRIC OR VINYL SHOWN IN THIS FOLDER
MAY BE COMBINED AND COORDINATED TO YOUR PERSONAL DESIGN AND TASTE

PRESERVE THIS SAMPLE CARD

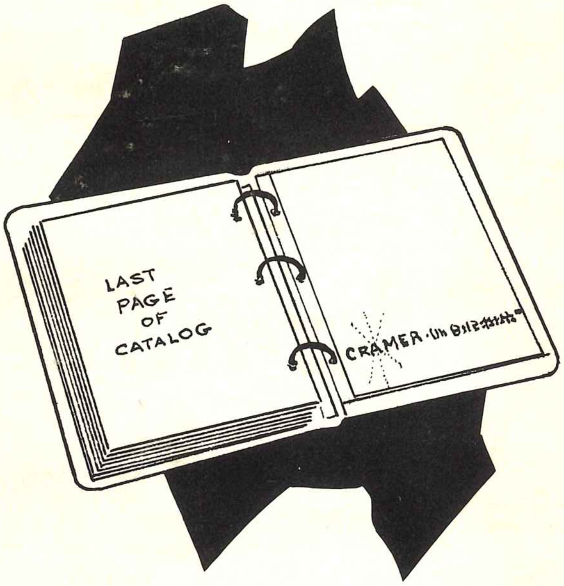
Clipping samples of the complete line are available on request.

Removal of samples from this card reduces the effectiveness of this catalog.

Write Cramer Industries, Inc.

CRAMER INDUSTRIES INC. 625 ADAMS STREET, KANSAS CITY, KANSAS 66105 · TELEPHONE · 913 ; 621-6700

Proper use of this tool will make selling easier . . .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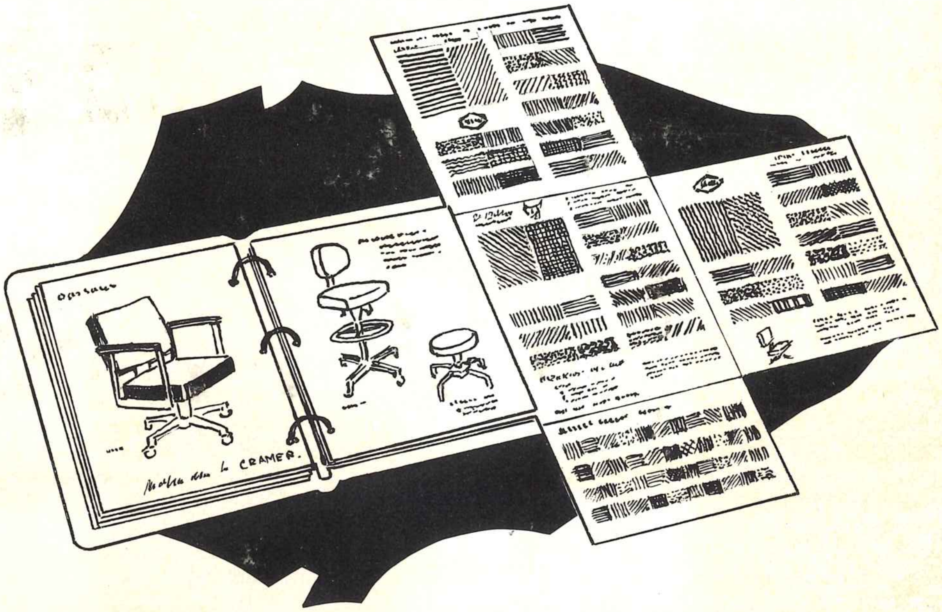
1

TURN ALL PAGES IN CATALOG TO THE LEFT THEN INSERT THIS CARD AS SHOWN.

2

Now you can view any catalog sheet and the cover/finishes simultaneously!



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62[illegible] ADAMS STREET, KANSAS CITY, KANSAS 66105
TELEPHONE · AREA CODE · 913 6[illegible]1-6700